

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4458	X83860	H.sapiens mRNA for prostaglandin E receptor (EP3c)	1.2	2137044	unknown protein - rabbit (fragment) cuniculus]	7e-014
4459	M95058	Rattus rattus steroid 5-alpha-reductase 2 mRNA, complete cds.	0.42	<NONE>	<NONE>	<NONE>
4460	AF044588	Homo sapiens protein regulating cytokinesis 1	2e-043	2865521	(AF044588) protein regulating cytokinesis 1; PRC1 [Homo sapiens]	4e-015
4461	X54282	Human chromosome 11 DNA, approx. 20 kb 3' of beta-globin gene, nuclear scaffold associated region	0.014	1911867	cadherin 3 [Caenorhabditis elegans, Peptide, 3337 aa]	9.8
4462	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-010	3875640	(Z92781) F09C3.3 [Caenorhabditis elegans]	9.6
4463	M73791	Human novel gene mRNA, complete cds.	0	1172810	60S RIBOSOMAL PROTEIN L10 (QM PROTEIN HOMOLOG) >gi 543339 pir JC 2013 ribosomal protein L10, cytosolic - mouse >gi 2143959 pir JC4911 ribosomal protein L10 - rat >gi 407466 (X75312) QM protein [Mus musculus] >gi 410742 (M93980) 24.6 kda protein [Mus musc	7e-085
4464	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4465	Z27116	S.cerevisiae HBS1, MRP-L20 and PRP-16 genes	0.058	<NONE>	<NONE>	<NONE>
4466	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4467	M96575	Drosophila melanogaster collagen type IV gene, complete cds.	3.60E+00	<NONE>	<NONE>	<NONE>
4468	D50010	Human DNA for alpha-platelet- derived growth factor receptor, exon 15	1e-006	<NONE>	<NONE>	<NONE>
4469	X70649	Homo sapiens DDX1 gene, complete CDS	0	539572	DEAD box protein RB - human	3e-036
4470	AJ223377	Puumala virus S- segment RNA	1.4	<NONE>	<NONE>	<NONE>
4471	Y14599	Staphylococcus xylosus lacR, lacP, lacH genes and 2 ORF's	1.4	3659505	(AC005084) similar to mouse mCASK-A; similar to e1288039	0.63
4472	X13336	Spinach plastid genes rps3, rps19, rpl14, rpl16 and rpl22 for ribosomal proteins S3, S19, L14, L16 and L22	0.15	1330375	(U58758) similar to rat GAP- associated protein p190	0.27
4473	AF056022	Homo sapiens p60 katanin mRNA, complete cds	0	3283072	(AF056022) p60 katanin [Homo sapiens]	7e-029
4474	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
4475	M86849	Human connexin 26 (GJB2) mRNA.	0	127542	ALDOSE 1- EPIMERASE PRECURSOR calcoaceticus]	5.2
4476	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4477	X95455	G.gallus mRNA for RING zinc finger	9e-031	1321818	(X95455) RING zinc finger protein protein [Gallus	9e-038

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					gallus]	
4478	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.13	<NONE>	<NONE>	<NONE>
4479	J03607	Human 40-kDa keratin intermediate filament precursor gene.	0	1070608	keratin 19, type I, cytoskeletal - human sapiens]	9e-068
4480	M90104	Human splicing factor SC35 mRNA, complete cds.	e-120	3929382	SPLICING FACTOR, ARGININE/SERINE-RICH 10 (PUTATIVE MYELIN REGULATORY FACTOR 1) (MRF-1) >gi 555924 (U14648) putative myelin regulatory factor 1; MRF-1 [Mus musculus]	1.1
4481	AF020762	Homo sapiens clone 1400 unknown protein mRNA, partial cds	6e-067	<NONE>	<NONE>	<NONE>
4482	AE001386	Plasmodium falciparum chromosome 2, section 23 of 73 of the complete sequence	0.72	<NONE>	<NONE>	<NONE>
4483	AF054868	Pseudomonas aeruginosa autoinducer synthetase chloramphenicol-sensitive protein (rarD), and hypothetical protein (yafL) gene...	0.005	1709793	SALIVARY PROLINE-RICH PROTEIN PO sapiens]	0.13
4484	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4485	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4486	AE001406	Plasmodium falciparum chromosome 2, section 43 of 73 of the complete sequence	0.001	<NONE>	<NONE>	<NONE>
4487	AE001417	Plasmodium falciparum chromosome 2, section 54 of 73 of the complete sequence	2.1	<NONE>	<NONE>	<NONE>
4488	X90446	Canine herpesvirus DNA for ORF 1 (HSV1 UL44, EHV1 ORF 15 homolog) ORF2 (EHV1 ORF 16 homolog)	4.4	<NONE>	<NONE>	<NONE>
4489	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.17	4008355	(Z68297) Similarity to Yeast TAT-binding homolog 7 (SW:TBP7_YEAST); cDNA EST EMBL:D37124 comes from this gene; cDNA EST EMBL:D35150 comes from this gene; cDNA EST EMBL:D35400 comes from this gene; cDNA EST EMBL:D34900 comes ... >gi 4008373 gnl PI D e135984	3e-007
4490	D78130	Homo sapiens mRNA for squalene epoxidase, complete cds	0	2443316	(D78130) squalene epoxidase [Homo sapiens]	5e-008
4491	L18931	Buchnera aphidicola Arginyl tRNA synthetase	0.16	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		promoter region.				
4492	X17206	Human mRNA for LLRep3	e-112	1350976	40S RIBOSOMAL PROTEIN S2 >gi 939718	2e-005
4493	D28473	Human T-lymphocyte mRNA for isoleucyl-tRNA synthetase, complete cds	e-157	440799	(U04953) isoleucyl-tRNA synthetase [Homo sapiens]	3e-005
4494	L13624	Cercopithecus aethiops C4 complement	3.6	<NONE>	<NONE>	<NONE>
4495	M13011	Rat c-ras-H-1 gene, complete cds.	0.25	<NONE>	<NONE>	<NONE>
4496	Y10252	L.japonicus panC gene	0.38	627071	histidine-rich protein - Plasmodium lophurae	4.4
4497	X76683	Plasmid vector pHM2 betalactamase gene	1e-093	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4498	M24486	Human prolyl 4-hydroxylase alpha subunit mRNA, complete cds, clone PA-11.	0	129365	PROLYL 4-HYDROXYLASE ALPHA SUBUNIT 1.14.11.2) alpha chain - chicken	2e-057
4499	D80004	Human mRNA for KIAA0182 gene, partial cds	2e-068	<NONE>	<NONE>	<NONE>
4500	U22233	Human methylthioadenosine phosphorylase (MTAP) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4501	D63875	Human mRNA for KIAA0155 gene, complete cds > :: gb G28541 G28541 human STS SHGC-31621.	0	961442	(D63875) KIAA0155 gene product is related to C.elegans B0464.2 protein. [Homo sapiens]	2e-019

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4502	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4503	X85018	H.sapiens mRNA for UDP-GalNAc:polypeptide N-acetylglactosaminyltransferase (T1)	e-110	1709559	POLYPEPTIDE N-ACETYLGLAC TOSAMINYLTRANSFERASE (PROTEIN-UDP ACETYLGLAC TOSAMINYLTRANSFERASE) N-ACETYLGLAC TOSAMINYLTRANSFERASE (GALNAC-T1) polypeptide N-acetylglactosaminyltransferase [Rattus norvegicus]	2e-018
4504	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4505	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4506	AF067782	Papio hamadryas BC200 alpha scRNA gene, complete sequence	0.48	<NONE>	<NONE>	<NONE>
4507	AF073298	Homo sapiens 4F5rel mRNA, complete cds	e-166	3641536	(AF073297) 4F5rel [Mus musculus] >gi 3641538 (AF073298) 4F5rel [Homo sapiens]	3e-013
4508	M12922	Yeast (S.cerevisiae) chromosome III L terminal region DNA.	2e-010	188864	(M74027) mucin [Homo sapiens]	6e-023
4509	X69524	M.squamata cabcl mRNA for chlorophyll a/b/c binding protein precursor	1.3	<NONE>	<NONE>	<NONE>
4510	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	1.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4512	U12404	Human Csa-19 mRNA, complete cds.	0	1709973	60S RIBOSOMAL PROTEIN L10A (CSA-19)	4e-056
4513	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-014	<NONE>	<NONE>	<NONE>
4514	<NONE>	<NONE>	<NONE>	121627	GLYCINE-RICH CELL WALL STRUCTURAL PROTEIN I PRECURSOR >gi 82244 pir A26099 glycine-rich cell wall structural protein - garden petunia >gi 20553 hybrida] >gi 225181 prf 1210313A Gly rich structural protein [Petunia sp.]	2e-030
4515	D87255	Hepatitis G virus RNA for polyprotein, complete cds	0.19	930045	(X15332) alpha-1 (III) collagen [Homo sapiens]	0.002
4516	U31820	Gallus gallus Mel-1a melatonin receptor mRNA, complete cds.	3.3	1718187	ENVELOPE GLYCOPROTEIN GP340 glycoprotein 350/220 - human herpesvirus 4 >gi 59164 virus] >gi 306293 (L07923) glycoprotein 340	0.096
4517	X68107	M.sativa msCHSII mRNA for chalcone synthase	3.4	<NONE>	<NONE>	<NONE>
4518	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4519	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	6e-006	1065484	(U40415) similar to S. cerevisiae LAG1 (SP:P38703)	0.001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4520	D87671	Rat mRNA for TIP120, complete cds	1e-043	1799570	(D87671) TIP120 [Rattus norvegicus]	0.01
4521	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4522	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4523	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	4e-022	1085204	translation elongation factor eEF-1 alpha chain - zebra fish >gi 408805 (L23807) elongation factor 1-alpha [Danio rerio] >gi 454915 (X77689) translational elongation factor-1 alpha [Danio rerio] >gi 1009241 rerio] >gi 1091578 prf 2021264A elongation fact	5.1
4524	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4525	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4526	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4527	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001
4528	AF069250	Homo sapiens okadaic acid-inducible phosphoprotein (OA48-18) mRNA, complete cds	7e-080	3037018	(AF041330) NADH dehydrogenase subunit 5 [Bodo saltans]	0.0001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4529	U66532	Human beta4-integrin (ITGB4) gene, exons 7,8,9,10,11 and 12	0.51	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	1e-023
4530	X65319	Cloning vector pCAT-Enhancer	1e-074	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-011
4531	AJ010841	Homo sapiens mRNA for putative thioredoxin-like protein	8e-028	3646128	(AJ010841) thioredoxin-like protein	0.062
4532	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	0.005	<NONE>	<NONE>	<NONE>
4533	M12670	Human fibroblast collagenase inhibitor mRNA, complete cds.	6e-098	1351250	METALLOPROTEINASE INHIBITOR 1 PRECURSOR (TIMP-1) >gi 1363927 pir J C4303 matrix metalloproteinase-1 tissue inhibitor - baboon >gi 561546 hamadryas cynocephalus]	7e-008
4534	M17196	A.californica (marine gastropod mollusc) neuropeptide gene (ganglion R14), exon 1, 5' end.	0.019	2135765	mucin 2 precursor, intestinal - human	0.003
4535	AJ001454	Homo sapiens mRNA for testican-3	1.4	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4536	X75757	G.gallus cycB3 mRNA.	9e-040	729112	G2/MITOTIC-SPECIFIC CYCLIN B3	9e-019
4537	Z27116	S.cerevisiae HBS1, MRP-L20 and PRP-16 genes	0.058	<NONE>	<NONE>	<NONE>
4538	AF083322	Homo sapiens centriole associated protein CEP110 mRNA, complete cds	9e-051	1079393	chromokinesin - chicken >gil603761 (U18309) chromokinesin [Gallus gallus]	0.012
4539	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4540	M26325	Human cytokeratin 18 mRNA, 3' end.	0	125083	KERATIN, TYPE I CYTOSKELETA L 18 keratin 18, type I, cytoskeletal - human >gi 34037	2e-093
4541	U37066	Human endogenous retrovirus strain XA38 pol polyprotein (pol) gene, partial cds	1.3	252486	P-selectin, CD62 [mice, Peptide, 768 aa] musculus]	1.8
4542	Z30543	Turkey herpesvirus (HVT-delUs-Beta1 PKI3) gene for protein kinase	2e-027	<NONE>	<NONE>	<NONE>
4543	M90077	Wheat translation elongation factor 1 alpha-subunit (TEF1) mRNA, complete cds.	0.14	<NONE>	<NONE>	<NONE>
4544	AJ001235	Papio hamadryas ERV-9 like LTR insertion	2e-044	<NONE>	<NONE>	<NONE>
4545	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4546	AF100654	Caenorhabditis elegans cosmid C24E9	0.41	<NONE>	<NONE>	<NONE>
4547	L28821	Homo sapiens alpha mannosidase II isozyme mRNA, complete cds.	0	1679607	(X97650) myosin-I [Mus musculus]	4.5

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4548	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	<NONE>	<NONE>	<NONE>
4549	L20140	Zea mays pollen specific pectate lyase homologue gene, complete cds.	0.92	<NONE>	<NONE>	<NONE>
4550	U33955	Human Down Syndrome region of chromosome 21, genomic sequence, clone A12H1-1F2.	4.4	<NONE>	<NONE>	<NONE>
4551	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4552	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.042	<NONE>	<NONE>	<NONE>
4553	X12660	Human chromosome 14 Ig JH (switch mu) DNA showing scattered homology to bcl2 gene exon 2 3'UTR	1e-006	2117245	(Z95586) hypothetical protein Rv1592c	2.1
4554	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	284314	modulator recognition factor 1 - human factor 1 [Homo sapiens]	7.1
4555	AF070523	Homo sapiens JWA protein mRNA, complete cds	0	3322740	(AE001222) conserved hypothetical protein [Treponema pallidum]	5.9
4556	Z11900	H.sapiens OTF3 gene	0.13	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4557	M24972	D.discoideum CT-rich satellite rDNA. clone pCT8.	4e-007	2605798	(AF027735) minor ampullate silk protein MiSpl [Nephila clavipes]	5.30E-01
4558	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-007	<NONE>	<NONE>	<NONE>
4559	D32056	Human gene for 2-oxoglutarate dehydrogenase, exon 1 sequence	0.06	<NONE>	<NONE>	<NONE>
4560	AF034085	Caenorhabditis elegans UNC-45 (unc-45) gene, complete cds	0.025	1652167	(D90903) hypothetical protein	4.8
4561	AF091242	Homo sapiens ATP sulfurylase/APS kinase 2 mRNA, complete cds	0.0003	<NONE>	<NONE>	<NONE>
4562	M31520	Human ribosomal protein S24 mRNA.	1e-031	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4563	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4564	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4565	AB015432	Rattus norvegicus mRNA for LAT1 (L-type amino acid transporter 1), complete cds	4e-022	1665759	(D87432) Similar to Schistosoma mansoni amino acid permease (L25068). [Homo sapiens]	5e-024
4566	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4567	AE001397	Plasmodium falciparum chromosome 2, section 34 of 73 of the complete sequence	0.0005	3875266	(Z77655) predicted using Genefinder; similar to 7tm receptor [Caenorhabditis elegans]	5.90E+00
4568	Y15155	Homo sapiens PHKB gene, exon 8, and repetitive elements	4e-033	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7
4569	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-03	2622750	(AE000921) DNA topoisomerase I [Methanobacterium thermoautotrophicum]	2.6
4570	AE000688	Aquifex aeolicus section 20 of 109 of the complete genome	4.5	<NONE>	<NONE>	<NONE>
4571	Z95123	Caenorhabditis elegans cosmid VZK8221, complete sequence [Caenorhabditis elegans]	0.4	<NONE>	<NONE>	<NONE>
4572	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-08	<NONE>	<NONE>	<NONE>
4573	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.3
4574	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4575	U18671	Human Stat2 gene, complete cds.	2e-023	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.002

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4576	Z83241	Caenorhabditis elegans cosmid T25C8, complete sequence [Caenorhabditis elegans]	1.1	1176988	IOLD PROTEIN protein [Bacillus subtilis] >gi 2636519 gnl PI D e1184698 catabolism [Bacillus subtilis]	5.3
4577	L04690	Cricetulus griseus cholesterol 7-alpha-hydroxylase gene, complete cds. > :: gb I26617 I26617 Sequence 35 from patent US 5558999 > :: gb AR008072 AR 008072 Sequence 35 from patent US 5753431	3.2	212906	(L02621) intestinal zipper protein [Gallus gallus]	4.1
4578	Z54191	A.pleuropneumoniae tfbB gene encoding transferrin receptor.	0.54	2102696	(U72761) karyopherin beta 3 [Homo sapiens]	8.6
4579	X17025	Human homolog of yeast IPP isomerase > :: gb G27043 G27043 human STS SHGC-31614.	2e-035	<NONE>	<NONE>	<NONE>
4580	L32977	Homo sapiens (clone fl7252) ubiquinol cytochrome c reductase Rieske iron-sulphur protein (UQCRFS1) gene, exon 2	0.00E+00	1351361	UBIQUINOL-CYTOCHROME C REDUCTASE IRON-SULFUR SUBUNIT PRECURSOR (RIESKE IRON-SULFUR PROTEIN) (RISP) >gi 488299 (L32977) Rieske Fe-S protein	1e-070
4581	M26708	Human prothymosin alpha mRNA (ProT-alpha), complete cds.	0	190369	(J04798) open reading frame A; putative [Homo sapiens]	6e-018

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4582	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	2314130	(AE000607) H. pylori predicted coding region HP0985	3.3
4583	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	1236083	(U49507) Lisch7 [Mus musculus]	4.3
4584	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-014	348196	(L19917) immunoglobulin heavy-chain subgroup VIII V- D-J region [Homo sapiens]	9.7
4585	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4586	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4587	X52601	H.sapiens hTOP1 gene for topoisomerase, 5'end	4.6	<NONE>	<NONE>	<NONE>
4588	AF038604	Caenorhabditis elegans cosmid B0546	0.17	<NONE>	<NONE>	<NONE>
4589	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4590	U23441	Tetrahymena thermophila B internal deletion sequence.	0.0005	1469281	(U08801) envelope glycoprotein [Human immunodeficiency virus type 1]	1.1
4591	AC005276	Homo sapiens clone fragment UWGC:gap3 from 7q31.3, complete sequence [Homo sapiens]	0.009	<NONE>	<NONE>	<NONE>
4592	D84117	Homo sapiens DNA for prostacyclin synthase, exon 3	0.48	<NONE>	<NONE>	<NONE>
4593	U28153	Caenorhabditis elegans UNC-76 (unc-76) gene, complete cds.	1.30E-01	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4594	U67274	Human metastasis suppressor (KAI1) gene, exon 1, and complete cds	1e-008	<NONE>	<NONE>	<NONE>
4595	AF009621	Onchocerca volvulus cytosolic Cu/Zn superoxide dismutase (OvSOD1) and extracellular Cu/Zn superoxide dismutase (OvSOD2) genes, complete cds	4	<NONE>	<NONE>	<NONE>
4596	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4597	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polypeptide precursor [Boreogadus saida]	0.78
4598	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4599	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4600	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	4e-029	728836	!!!! ALU SUBFAMILY SP WARNING ENTRY	0.002
4601	AL022222	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-118, complete sequence	4.9	<NONE>	<NONE>	<NONE>
4602	Z73149	N.tabacum DNA (recombination breakpoint between T-DNA and plant DNA)	1.6	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4603	AF082835	Mus spretus E6-AP ubiquitin-protein ligase	4	<NONE>	<NONE>	<NONE>
4604	AF050123	Homo sapiens hypoxia-inducible factor 1 alpha subunit (HIF1A) gene, exon 10	3e-009	728838	!!!! ALU SUBFAMILY SX WARNING ENTRY	6.7
4605	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	<NONE>	<NONE>	<NONE>
4606	AF001355	Pseudomonas syringae pv. syringae DNA binding protein HpkR (hpkR), histidine protein kinase HpkY (hpkY), phosphate acceptor regulatory protein CheY-2 (cheY-2), ankyrin AnkF (ankF), and catalase isozyme catalytic subuni...	2.1	3041736	TRANSCRIPTION FACTOR SOX-11	8.9
4607	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8.00E-08	3123155	HYPOTHETICAL 49.0 KD TRP-ASP REPEATS CONTAINING PROTEIN F55F8.5 IN CHROMOSOME I family [Caenorhabditis elegans]	2e-027
4608	<NONE>	<NONE>	<NONE>	1170978	MYOCYTE NUCLEAR FACTOR (MNF) musculus]	0.18
4609	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	4e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	8.9

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4610	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4611	X75861	H.sapiens TEGT gene	e-177	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.8
4612	U19867	Cloning vector pSPL3, exon splicing vector, complete sequence, HIV envelope protein gp160 and beta- lactamase, complete cds.	5e-055	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-011
4613	U73332	Human non- coding genomic sequence upstream from unique L0 sequence in the alpha-globin gene cluster	8e-008	<NONE>	<NONE>	<NONE>
4614	<NONE>	<NONE>	<NONE>	193952	(J03770) homeobox protein [Mus musculus]	6
4615	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	586875	HYPOTHETICAL 29.2 KD PROTEIN IN METS-KSGA INTERGENIC REGION >gi 2127033 pir S 66068 hypothetical protein - Bacillus subtilis subtilis] >gi 2632306 gnl PI D e1181972 (Z99104) similar to hypothetical proteins [Bacillus subtilis]	5e-019
4616	K00384	Yeast (S.cerevisiae) mitochondrial var1 gene, 5'	0.001	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		flank.				
4617	J04628	Rattus norvegicus 3-hydroxyiso- butyrate mRNA, 3' end.	e-154	416873	3- HYDROXYISOB UTYRATE DEHYDROGENA SE PRECURSOR (HIBADH) >gi 111295 pir A3 2867 3- hydroxyisobutyrat e dehydrogenase (EC 1.1.1.31) precursor - rat (fragment) >gi 556389 (J04628) 3- hydroxyisobutyrat e dehydrogenase [Rattus norvegicus]	1e-049
4618	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.38	<NONE>	<NONE>	<NONE>
4619	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4620	D42044	Human mRNA for KIAA0090 gene, partial cds	e-151	577301	(D42044) The ha3523 gene product is related to S.cerevisiae gene product located in chromosome III. [Homo sapiens]	4e-052
4621	U10361	Saccharomyces cerevisiae Snf8p (SNF8) gene, complete cds.	2.7	<NONE>	<NONE>	<NONE>
4622	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4623	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4624	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.00E-10	<NONE>	<NONE>	<NONE>
4625	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4626	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4627	X06747	Human hnRNP core protein A1	7e-049	87650	heterogeneous ribonuclear particle protein A1.beta - human >gi 36102 (X06747) protein A1-alpha (AA 1-320) [Homo sapiens]	6e-005
4628	X03559	Human mRNA for F1-ATPase beta subunit (F-1 beta) > :: dbj D00022 HUM F1B Homo sapiens mRNA for F1 beta subunit, complete cds	e-100	114549	ATP SYNTHASE BETA CHAIN, MITOCHONDRIAL PRECURSOR >gi 106207 pir A33370 H+-transporting ATP synthase (EC 3.6.1.34) beta chain precursor, mitochondrial - human >gi 179281 (M27132) ATP synthase beta subunit precursor [Homo sapiens]	2e-024
4629	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4630	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4631	K00915	paramecium species 1,168 mt dna dimer: replication init. region.	7.00E-05	<NONE>	<NONE>	<NONE>
4632	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4633	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4634	Z28261	S.cerevisiae chromosome XI reading frame ORF YKR036c	0.042	417748	PROTEIN TRANSPORT PROTEIN SEC13	0.0002
4635	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4636	AF088034	Homo sapiens full length insert cDNA clone ZC24F03	0	854598	(X87611) ORF YJR83.18 [Saccharomyces cerevisiae]	2e-024
4637	M83094	Homo sapiens cytosolic selenium-dependent glutathione peroxidase gene, complete cds, and rhoh12 gene, 3' end.	3.00E-08	<NONE>	<NONE>	<NONE>
4638	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir S44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017
4639	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	1176711	HYPOTHETICAL 21.6 KD PROTEIN F37A4.2 IN CHROMOSOME III >gi 1078851 pir S44639 F37A4.2 protein - Caenorhabditis elegans >gi 458960	2e-017

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4640	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4641	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4642	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	4056582	(AF039530) RepA [Egyptian sugarcane streak virus]	3.4
4643	U96174	Onchocerca volvulus OvB8 mRNA, partial cds	3.2	<NONE>	<NONE>	<NONE>
4644	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4645	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4646	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-005	3236220	(U62541) immunoreactive 14 kDa protein BA14k [Brucella abortus]	4.5
4647	AL010224	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 4-04, complete sequence	0.003	2492906	ANNEXIN VII (SYNEXIN) frog >gi 790544 (U16365) annexin VII [Xenopus laevis]	1.4
4648	L39413	Atractylodes japonica chloroplast NADH dehydrogenase (ndhF) gene, complete cds	0.003	<NONE>	<NONE>	<NONE>
4649	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete	4e-013	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		cds				
4650	U79403	Meleagris gallopavo microsatellite repeat sequence	0.46	2498691	OUTER DENSE FIBER PROTEIN bovine >gi 1165006 (X69514) outer dense fiber protein [Bos taurus]	1.4
4651	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4652	U27780	Stealth virus 1 clone C16138 T3.1	2	<NONE>	<NONE>	<NONE>
4653	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4654	U78817	Saccharomyces cerevisiae killer virus M1, complete genome	0.026	<NONE>	<NONE>	<NONE>
4655	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4656	X07036	Human mRNA stimulatory GTP-binding protein alpha subunit	3e-071	232142	GUANINE NUCLEOTIDE-BINDING PROTEIN G(S), ALPHA SUBUNIT (ADENYLATE CYCLASE-STIMULATING G ALPHA PROTEIN) >gi 71886 pir RG PGA2 GTP-binding regulatory protein Gs alpha-2 chain (adenylate cyclase-stimulating) - pig >gi 1958 (X63893) alpha-stimulatory subunit	8e-027

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4657	L05586	Kinetoplast Trypanosoma brucei (IsTaR 1 serodeme) putative NADH dehydrogenase subunit (nd9) mRNA, complete cds.	0.0001	4063042	(AF068065) GP900; mucin-like glycoprotein [Cryptosporidium parvum]	0.19
4658	AF044763	Cecropis ariel microsatellite HrU6 allele 1 repeat region	3e-006	<NONE>	<NONE>	<NONE>
4659	X82630	A. longa plastid rps12, orf126 and orf288 genes	0.22	<NONE>	<NONE>	<NONE>
4660	U68098	Human poly(A)-binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4661	U68098	Human poly(A)-binding protein (PABP) gene, exons 6 and 7	0.023	<NONE>	<NONE>	<NONE>
4662	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	1022683	(U23146) SSeCKS [Rattus norvegicus]	1.4
4663	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4664	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a .	3e-048	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA [norvegicus]	2.00E-10
4665	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4666	D42073	Human mRNA for reticulocalbin, complete cds	3e-019	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4667	L12350	Human thrombospondin 2 (THBS2) mRNA, complete cds.	0	<NONE>	<NONE>	<NONE>
4668	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4669	AC000043	Homo sapiens Chromosome 22q13 Cosmid Clone p74a8, complete sequence [Homo sapiens]	2e-016	134589	TRANSCRIPTION REGULATORY PROTEIN SNF2 SWI2) (REGULATORY PROTEIN GAM1) (TRANSCRIPTION FACTOR TYE3) >gi 101629 pir S15047 SNF2 protein - yeast protein [Saccharomyces cerevisiae] >gi 172632 (M61703) SNF2protein [Saccharomyces cerevisiae] >gi 127	1.5
4670	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	69700	interleukin-1 beta precursor - bovine	0.6
4671	U44975	Homo sapiens DNA-binding protein CPBP (CPBP) mRNA, partial cds	2e-045	1848233	(U44975) DNA-binding protein CPBP [Homo sapiens]	0.009

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4672	AF038406	Homo sapiens NADH dehydrogenase- ubiquinone Fe-S protein 8 23 kDa subunit (NDUFS8) gene, nuclear gene encoding mitochondrial protein, complete cds	0	2326168	(U32107) type VII collagen [Mus musculus]	1.5
4673	X67951	H.sapiens mRNA for proliferation- associated gene	0	548453	THIOREDOXIN PEROXIDASE 2 CELL ENHANCING FACTOR A) (NKEF-A) >gi 423025 pir A4 6711 proliferation associated gene (pag) protein - human gene product [Homo sapiens]	2e-083
4674	AC001013	Homo sapiens (subclone 2_d1 from P1 H43) DNA sequence	2e-017	2072961	(U93568) putative p150 [Homo sapiens]	0.0001
4675	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	1589837	(U68729) cuticle preprocollagen [Meloidogyne incognita]	0.035
4676	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4677	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir S03642 histone H2A.Z - bovine >gi 92380 pir S03644 histone H2A.Z - rat >gi 106267 pir A35881 histone H2A.Z - human sapiens] >gi 57118 (X52316) histone H2A.Z (AA 1-127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4678	M15353	Homo sapiens cap-binding protein mRNA, complete cds	0	<NONE>	<NONE>	<NONE>
4679	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.r1a.	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4680	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.r1a.	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4681	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.r1a.	4e-094	404764	(L10409) fork head related protein [Mus musculus]	4e-024
4682	L11707	Hevea brasiliensis Mn-superoxide dismutase (SODMn) gene, complete cds.	2.6	<NONE>	<NONE>	<NONE>
4683	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4684	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4685	AJ224875	Homo sapiens mRNA for putative glucosyltransferase, partial cds	0	2996578	(AJ224875) glucosyltransferase [Homo sapiens]	e-118
4686	AB019534	Homo sapiens gene for cathepsin L2, complete cds	2e-045	<NONE>	<NONE>	<NONE>
4687	J03799	Human colin carcinoma laminin-binding protein mRNA, complete cds.	e-166	34272	(X15005) pot. laminin-binding protein (AA 1 - 300) [Homo sapiens]	5e-032
4688	<NONE>	<NONE>	<NONE>	2114323	(D88734) membrane glycoprotein [Equine herpesvirus 1]	0.052
4689	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	9e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	9.8
4690	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharomyces pombe]	6e-061
4691	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4692	D16195	Mouse gene for acrogranin precursor, complete cds	0.059	<NONE>	<NONE>	<NONE>
4693	U90904	Human clone 23773 mRNA sequence	0	3130153	(AB008857) calcium ²⁺ sensing receptor	1.5
4694	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1
4695	L22398	Homo sapiens DNA sequence, repeat region.	7e-017	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.1

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4696	J03746	Human glutathione S-transferase mRNA, complete cds.	e-170	121740	GLUTATHIONE S-TRANSFERASE, MICROSOMAL >gi 87562 pir B28083 glutathione transferase glutathione S-transferase [Homo sapiens] >gi 1195483 sapiens] >gi 1621433 (U71213) microsomal glutathione s-transferase [Homo sapiens]	2e-038
4697	AF082283	Homo sapiens CARD-containing apoptotic signaling protein (BCL10) mRNA, complete cds	5e-046	4049460	(AJ006288) bcl-10 [Homo sapiens] signaling protein [Homo sapiens]	0.005
4698	D64142	Human mRNA for histone H1x, complete cds	1e-039	<NONE>	<NONE>	<NONE>
4699	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENASE I CHAIN L	3.5
4700	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-061
4701	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6.00E-05	<NONE>	<NONE>	<NONE>
4702	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2501465	PROBABLE UBIQUITIN CARBOXYL-TERMINAL HYDROLASE FAM (UBIQUITIN THIOLESTERAS	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					E FAM)	
4703	D44598	Saccharomyces cerevisiae chromosome VI phage 4121	1e-009	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharom yces pombe]	6e-061
4704	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4705	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.4
4706	AB001899	Homo sapiens PACE4 gene, exon 2	4e-012	3860844	(AJ235271) NADH DEHYDROGENA SE I CHAIN L	3.4
4707	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4708	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-008	<NONE>	<NONE>	<NONE>
4709	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	6.40E+00
4710	L39064	Homo sapiens interleukin 9 receptor precursor (IL9R) gene, complete cds	1e-006	4063042	(AF068065) GP900; mucin-like glycoprotein	1e-006
4711	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.0002	331908	(K02714) envelope polypeptide [Friend murine leukemia virus]	8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4712	AF065249	Entodinium caudatum 14-3-3 protein mRNA, partial cds	1	<NONE>	<NONE>	<NONE>
4713	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.9
4714	<NONE>	<NONE>	<NONE>	186396	(M94131) mucin [Homo sapiens]	2.5
4715	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-009	<NONE>	<NONE>	<NONE>
4716	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4717	Z56314	H.sapiens CpG DNA, clone 10h10, reverse read cpg10h10.rtl a .	4e-012	2444024	(U77782) N-methyl-D-aspartate receptor 2C subunit precursor [Homo sapiens]	9.8
4718	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4719	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	9e-008	<NONE>	<NONE>	<NONE>
4720	D63480	Human mRNA for KIAA0146 gene, partial cds	0	1469874	(D63480) The KIAA0146 gene product is novel. [Homo sapiens]	2e-079
4721	AB001579	Rice dwarf virus genomic RNA, segment 2, complete sequence	1.3	<NONE>	<NONE>	<NONE>
4722	<NONE>	<NONE>	<NONE>	3873550	(AL033534) serine-rich protein	2.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4723	AL010156	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-87, complete sequence	0.77	<NONE>	<NONE>	<NONE>
4724	AF059198	Homo sapiens protein kinase/endoribonulcease	2	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	8e-007
4725	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4727	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4728	D38616	Human mRNA for phosphorylase kinase alpha subunit, complete cds	3.5	3522948	(AC004411) hypothetical protein [Arabidopsis thaliana]	0.18
4729	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4730	AF065988	Homo sapiens keratocan gene, complete cds	1.4	<NONE>	<NONE>	<NONE>
4731	X60026	M.domesticus small nuclear 4.5 S RNA gene	0.0003	2853301	(AF007194) mucin [Homo sapiens]	5.5
4732	M13793	Mouse 56 kdal protein mRNA from an interferon activated gene, exon 1, 5' end.	0.3	136814	HYPOTHETICAL PROTEIN UL11 RL11 FAMILY [Human cytomegalovirus]	2.3

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4733	D55696	Human mRNA for cysteine protease, complete cds	e-113	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi 1743266 gn PI D e286211 (Y09862) legumain [Homo sapiens]	1e-006
4734	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4735	<NONE>	<NONE>	<NONE>	322647	glycine-rich protein GRP22 - rape >gi 17821	3e-021
4736	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.002
4737	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4738	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4739	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.8
4740	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>
4741	AE001382	Plasmodium falciparum chromosome 2, section 19 of 73 of the complete sequence	0.25	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4742	X55038	Mouse mCENP-B gene for centromere autoantigen B	0.001	3879362	(Z81113) similar to DnaJ, prokaryotic heat shock protein, Zinc finger, C2H2 type; cDNA EST yk290e12.5 comes from this gene; cDNA EST yk290e12.3 comes from this gene; cDNA EST yk447h4.5 comes from this gene; cDNA EST yk474e4....	7e-007
4743	AF054024	Rattus norvegicus polymorphic marker D9UIA2 sequence	0.62	<NONE>	<NONE>	<NONE>
4744	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
4745	Z11808	T.glis interphotoreceptor retinoid binding protein gene, exon 1	1.6	<NONE>	<NONE>	<NONE>
4746	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4747	AF047470	Homo sapiens malate dehydrogenase precursor complete cds	1e-019	2995307	(AL022268) putative aminotransferase	0.12
4748	AF029890	Homo sapiens hepatitis B virus X interacting protein (XIP) mRNA, complete cds	e-161	2745883	(AF029890) hepatitis B virus X interacting protein [Homo sapiens]	2e-044

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4750	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-008	1723019	HYPOTHETICAL 29.6 KD PROTEIN CY251.12C >gi 1405764 gn PI D e249453 (Z74410) hypothetical protein Rv0093c [Mycobacterium tuberculosis]	2.5
4751	M37583	Human histone (H2A.Z) mRNA, complete cds.	0	121994	HISTONE H2A.Z >gi 89608 pir S03 642 histone H2A.Z - bovine >gi 92380 pir S03 644 histone H2A.Z - rat >gi 106267 pir A3 5881 histone H2A.Z - human sapiens] >gi 57808 (X52316) histone H2A.Z (AA 1- 127) taurus] >gi 184060 (M37583) histone (H2A.Z) [Homo sapien	1e-055
4752	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	<NONE>	<NONE>	<NONE>
4753	X65279	pWE15 cosmid vector DNA	7e-079	987050	(X65335) lacZ gene product [unidentified cloning vector]	1e-013
4754	D38549	Human mRNA for KIAA0068 gene, partial cds	e-169	<NONE>	<NONE>	<NONE>
4755	L27835	Pangasianodon gigas growth hormone (GH) mRNA, complete cds.	1.5	538251	(D00322) polyprotein [Tomato black ring virus]	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4756	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4757	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	1477565	(U50078) p619 [Homo sapiens]	8.9
4758	U47414	Human cyclin G2 mRNA, complete cds	e-116	<NONE>	<NONE>	<NONE>
4759	AB014560	Homo sapiens mRNA for KIAA0660 protein, complete cds	e-173	<NONE>	<NONE>	<NONE>
4760	L35664	Homo sapiens (subclone H8 8_f5 from P1 35 H5 C8) DNA sequence.	1e-030	2072966	(U93570) p40 [Homo sapiens]	0.001
4761	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4762	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-013	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.1
4763	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4764	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-012	<NONE>	<NONE>	<NONE>
4765	M59317	Mouse low affinity IgE receptor (FceRII) gene sequence.	1e-006	2135765	mucin 2 precursor, intestinal - human	0.0003

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4766	D14034	Human gene for Zn-alpha2-glycoprotein, complete cds	3e-008	119379	RETROVIRUS-RELATED ENV POLYPROTEIN	6e-007
4767	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4768	M61185	Bovine glutamic acid-rich protein mRNA, complete cds.	0.01	2781362	(AC003113) F24O1.18 [Arabidopsis thaliana]	1.1
4769	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4770	Z62012	H.sapiens CpG DNA, clone 61g4, reverse read cpg61g4.r1a	0.076	1582765	YFW1 gene [Saccharomyces cerevisiae]	2.9
4771	M29065	Human hnRNP A2 protein mRNA.	0	4049652	(AF063866) ORF MSV017 hypothetical protein [Melanoplus sanguinipes entomopoxvirus]	5.9
4772	D12525	Homo sapiens cytochrome P450IA1 gene, 3'flanking region	6e-016	728837	!!!! ALU SUBFAMILY SQ WARNING ENTRY	9.6
4773	M16660	Human 90-kDa heat-shock protein gene, cDNA, complete cds.	e-109	2119731	HSP90 - mouse (fragment) protein {C-terminal} [mice, heart, Peptide Partial, 194 aa] [Mus sp.]	1e-023
4774	AF043105	Homo sapiens glutathione S-transferase mu 3	9e-020	728831	!!!! ALU SUBFAMILY J WARNING ENTRY	0.63
4775	U43374	Human normal keratinocyte mRNA.	0	120179	FINQ PROTEIN >gi 73172 pir BV ECFQ finQ protein - Escherichia coli plasmid R820a	9
4776	U00684	Human unknown mRNA.	2e-014	2224667	(AB002361) KIAA0363 [Homo sapiens]	6.6

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4777	M22299	Human T-plastin polypeptide mRNA, complete cds. clone p4. > :: gb 108151 Sequence 1 from Patent EP 0345726	4e-008	<NONE>	<NONE>	<NONE>
4778	M95623	Homo sapiens hydroxymethylbilane synthase gene, complete cds.	3e-018	3002527	(AF010144) neuronal thread protein AD7c-NTP [Homo sapiens]	0.52
4779	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4780	X52329	pBluescript II KS(-) vector DNA, phagemid excised from lambda ZAPII	0	2117615	catalase - Campylobacter jejuni	2e-009
4781	AF061034	Homo sapiens FIP2 alternatively translated mRNA, complete cds	0	3127084	(AF061034) FIP2 [Homo sapiens]	9e-089
4782	Z64776	H.sapiens CpG DNA, clone 167d8, forward read cpg167d8.ft1b.	0.0002	1777782	(U52513) ISG family member [Homo sapiens]	1.8
4783	D31786	Acyrtosiphon kondoi endosymbiont DNA, S10 and spc ribosomal protein gene operons, complete and partial cds	1.1	2134310	cell division control protein CDC37 homolog splice form 1 - chicken	4e-005
4784	L05491	Homo sapiens T-plastin gene, last exon (16).	0	2506254	T-PLASTIN	3e-018
4785	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4786	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-006	3877438	(Z72510) similar to G-protein coupled receptor [Caenorhabditis elegans]	2
4787	L38250	Mycoplasma penetrans p35 lipoprotein and p33 lipoprotein genes, complete cds	0.041	<NONE>	<NONE>	<NONE>
4788	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4789	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	2.6
4790	AF041210	Homo sapiens midline 1 fetal kidney isoform 3	0.41	<NONE>	<NONE>	<NONE>
4791	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.2

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4792	S60885	LYAR=cell growth regulating nucleolar protein	2e-026	2498524	CELL GROWTH REGULATING NUCLEOLAR PROTEIN >gi 423488 pir A40683 cell growth regulating nucleolar protein LYAR - mouse >gi 300372 bbs 131782	0.43
4793	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4794	U28687	Human zinc finger containing protein ZNF157	3e-027	1731444	ZINC FINGER PROTEIN 84 (ZINC FINGER PROTEIN HPF2) >gi 1020145 (M27878) DNA binding protein	3e-008
4795	AF086438	Homo sapiens full length insert cDNA clone ZD80G11	0.0002	<NONE>	<NONE>	<NONE>
4796	L28997	Homo sapiens ARL1 mRNA, complete cds	3e-006	<NONE>	<NONE>	<NONE>
4797	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-008	1280126	(U55375) K03E6.4 [Caenorhabditis elegans]	2e-012
4798	AE001415	Plasmodium falciparum chromosome 2, section 52 of 73 of the complete sequence	0.015	<NONE>	<NONE>	<NONE>
4799	D21853	Human mRNA for KIAA0111 gene, complete cds	0	729821	EUKARYOTIC INITIATION FACTOR 4A-LIKE NUK-34 (HA0659) >gi 631472 pir S45142 translation initiation factor eIF-4A2 homolog - human >gi 496902	2e-010

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4800	M76425	H.sapiens intron 2 Alu repetitive element.	0.014	<NONE>	<NONE>	<NONE>
4801	X87212	H.sapiens mRNA for cathepsin C	0	1582221	prepro-cathepsin C [Homo sapiens]	1e-052
4802	D80005	Human mRNA for KIAA0183 gene, partial cds	e-114	1136426	(D80005) KIAA0183 [Homo sapiens]	7e-025
4803	AF026029	Homo sapiens poly(A) binding protein II (PABP2) gene, complete cds	2e-055	<NONE>	<NONE>	<NONE>
4804	Z68322	Human DNA sequence from cosmid L79F5, Huntington's Disease Region, chromosome 4p16.3	2e-016	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.6
4805	M63180	Human threonyl-tRNA synthetase mRNA, complete cds	0	135177	THREONYL-TRNA SYNTHETASE, CYTOPLASMIC (THREONINE--TRNA LIGASE) (THRRS) 6.1.1.3) - human >gi 1464742 (M63180) threonyl-tRNA synthetase [Homo sapiens]	5e-070
4806	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3.7	<NONE>	<NONE>	<NONE>
4807	D16431	Human mRNA for hepatoma-derived growth factor, complete cds	3e-010	<NONE>	<NONE>	<NONE>
4808	AF086168	Homo sapiens full length insert cDNA clone ZB82D09	e-148	1465826	(U64856) weak similarity to TPR domains [Caenorhabditis elegans]	2e-014

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4809	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.4
4810	M34651	Pseudorabies virus with upstream and downstream sequences.	0.4	417134	HEPATOCYTE NUCLEAR FACTOR 3-BETA norvegicus]	0.047
4811	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	3e-010	1353390	(U34998) Rad9 [Coprinus cinereus]	3e-010
4812	M94314	Homo sapiens ribosomal protein L30 mRNA, complete cds	1e-064	<NONE>	<NONE>	<NONE>
4813	X95276	P.falciparum complete gene map of plastid- like DNA (IR-B)	0.001	<NONE>	<NONE>	<NONE>
4814	X12716	Human Retrovirus mRNA for LTR (clone cH6)	5e-024	<NONE>	<NONE>	<NONE>
4815	J03537	Human ribosomal protein S6 mRNA, complete cds.	e-138	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	3e-033
4816	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4817	U61945	Caenorhabditis elegans cosmid C49C8.	1.8	<NONE>	<NONE>	<NONE>
4818	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4819	M20020	Human ribosomal protein S6 mRNA, complete cds.	7e-072	225901	ribosomal protein S6 [Rattus norvegicus]	2e-015
4820	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.058	<NONE>	<NONE>	<NONE>
4821	AL023973	Human DNA sequence from clone 1033E15 on chromosome 22q13.1-13.2. Contains part of a novel gene, ESTs and a GSS, complete sequence [Homo sapiens]	3e-009	2352260	(AF000949) keratin [Canis familiaris]	0.037
4822	M37430	Pea Chloroplast 4.5S, 5S, 16S and 23S mRNA.	4.7	4093193	(AF106583) unknown [Caenorhabditis elegans]	4.8
4823	M63488	Human replication protein A 70kDa subunit mRNA complete cds.	0	1350579	REPLICATION PROTEIN A 70 KD DNA-BINDING SUBUNIT (RP-A) (RF-A) (REPLICATION FACTOR-A PROTEIN 1) (SINGLE-STRANDED DNA-BINDING PROTEIN) subunit [Homo sapiens]	8e-079
4824	X83791	C.tentans BR1 gene	1.2	<NONE>	<NONE>	<NONE>
4825	U67576	Methanococcus jannaschii section 118 of 150 of the complete genome	4	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4826	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-009	<NONE>	<NONE>	<NONE>
4827	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4828	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1- ALPHA 1	e-109
4829	X76538	H.sapiens Mpv17 mRNA	6.00E-98	730059	MPV17 PROTEIN >gi 631208 pir S4 5343 glomerulosclerosis protein Mpv17 - human	3e-010
4830	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4831	<NONE>	<NONE>	<NONE>	2078483	(U43200) antifreeze glycopeptide AFGP polypeptide precursor [Boreogadus saida]	0.014
4832	X83617	H.sapiens mRNA for RanBP1	3.4	3924670	(AC004990) supported by Genscan and several ESTs: C83049	3e-040
4833	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3024677	ISOLEUCYL- TRNA SYNTHETASE isoleucyl-tRNA synthetase (ileS) [Helicobacter pylori]	0.005
4834	J02763	Human calcyclin gene, complete cds.	1e-043	<NONE>	<NONE>	<NONE>
4835	L10910	Homo sapiens splicing factor (CC1.3) mRNA, complete cds.	0.00E+00	<NONE>	<NONE>	<NONE>
4836	X53586	Human mRNA for integrin alpha 6	2e-099	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4837	Z57594	H.sapiens CpG DNA, clone 186c5, reverse read cpg186c5.rt1b.	1.4	<NONE>	<NONE>	<NONE>
4838	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4839	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4840	Y00371	Human hsc70 gene for 71 kd heat shock cognate protein > :: gb AR013986 AR013986 Sequence 15 from patent US 5773245	e-145	987050	(X65335) lacZ gene product [unidentified cloning vector]	7e-011
4841	AF074991	Homo sapiens full length insert cDNA YH88A03	0.0005	<NONE>	<NONE>	<NONE>
4842	AF055030	Homo sapiens clone 24538 mRNA sequence	2e-049	2842711	ZINC-FINGER PROTEIN UBI-D4 sapiens]	2e-016
4843	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	1353531	(U38906) ORF14 [Bacteriophage r1t]	7.1
4844	Z57588	H.sapiens CpG DNA, clone 186b7, reverse read cpg186b7.rt1b.	0.41	<NONE>	<NONE>	<NONE>
4845	X65319	Cloning vector pCAT-Enhancer	9e-051	987050	(X65335) lacZ gene product [unidentified cloning vector]	0.37
4846	X78411	B.pasteurii ureA, ureB and ureC genes.	3.1	<NONE>	<NONE>	<NONE>
4847	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-009	2224697	(AB002376) KIAA0378 [Homo sapiens]	5e-008

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4848	U78729	Homo sapiens mad protein homolog Smad2 gene, exon 6	4.7	<NONE>	<NONE>	<NONE>
4849	D55696	Human mRNA for cysteine protease, complete cds	0	2842759	LEGUMAIN PRECURSOR (ASPARAGINYL ENDOPEPTIDASE) >gi1743266 gnl PI D e286211 (Y09862) legumain [Homo sapiens]	3e-030
4850	U95097	Xenopus laevis mitotic phosphoprotein 43 mRNA, partial cds	0.43	3005603	(AF053141) progesterone receptor [Equus caballus]	2.2
4851	U46118	Rattus norvegicus cytochrome P450 3A9 mRNA, complete cds	0.38	<NONE>	<NONE>	<NONE>
4852	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-006	2495726	HYPOTHETICAL PROTEIN KIAA0254 sapiens]	1e-005
4853	L10911	Homo sapiens splicing factor (CC1.4) mRNA, complete cds.	e-117	<NONE>	<NONE>	<NONE>
4854	D00132	Acremonium chrysogenum ARS DNA fragment	1.7	130998	SALIVARY PROLINE-RICH PROTEIN PRECURSOR (CLONE CP7) [CONTAINS: BASIC PEPTIDE P-F] glycoprotein precursor PRB2 - human (fragment) precursor [Homo sapiens]	0.45
4855	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4856	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4857	AC002186	Homo sapiens (subclone 1_f12 from P1 H115) DNA sequence	1e-041	2072966	(U93570) p40 [Homo sapiens]	4e-013
4858	AF053520	Homo sapiens allele 12 fragile site locus	0.61	<NONE>	<NONE>	<NONE>
4859	X65319	Cloning vector pCAT-Enhancer	2e-077	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-011
4860	AJ005866	Homo sapiens mRNA for putative Sqv-7- like protein, partial	e-179	4008517	(AJ005866) Sqv- 7-like protein [Homo sapiens]	3e-049
4861	AF052165	Homo sapiens clone 24522 mRNA sequence	4e-072	2065177	(Y12790) Supt5h protein [Homo sapiens] sapiens]	1e-021
4862	M90058	Human serglycin gene, exons 1,2, and 3.	0.005	<NONE>	<NONE>	<NONE>
4863	U17662	Human neurofibromatosis 1 (NF1) gene, exons 4c and 5 and partial cds	1.3	<NONE>	<NONE>	<NONE>
4864	U64453	Human ELK1 pseudogene (ELK2) and immunoglobulin heavy chain gamma pseudogene (IGHGP)	3e-018	<NONE>	<NONE>	<NONE>
4865	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4866	X16826	Drosophila melanogaster DNA for 60C beta tubulin gene making beta 3 tubulin isoform	2.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4867	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-009	<NONE>	<NONE>	<NONE>
4868	X65319	Cloning vector pCAT-Enhancer	8e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4869	AL031322	S.pombe chromosome II cosmid c17D1	0.38	<NONE>	<NONE>	<NONE>
4870	M11560	Human aldolase A mRNA, complete cds.	0	553861	(J05517) aldolase A [Mus musculus]	2e-066
4871	U28831	Human protein immuno-reactive with anti-PTH polyclonal antibodies mRNA, partial cds. > :: gb I40055 I40055 Sequence 1 from patent US 5618695	e-106	896065	(U28831) protein that is immuno- reactive with anti- PTH polyclonal antibodies [Homo sapiens]	1e-014
4872	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
4873	<NONE>	<NONE>	<NONE>	107112	mucin, tracheal (AMN-22) - human (fragment)	4e-009
4874	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>
4875	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4876	D85752	Enterococcus faecalis plasmid pPD1 bacA, bacB, bacC, bacD, bacE, bacF, bacG, bacH and bacI genes, complete cds	0.042	1123087	(U42436) C49H3.3 gene product [Caenorhabditis elegans]	0.001
4877	AC001443	Homo sapiens (subclone 2_f10 from BAC 2913	1e-033	2072961	(U93568) putative p150 [Homo sapiens]	3e-007
4878	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-012	<NONE>	<NONE>	<NONE>
4879	S81433	heme oxygenase-2 {5' region, alternative splicing}	4.2	<NONE>	<NONE>	<NONE>
4880	M34312	S.cerevisiae telomeric sequence DNA, clone YLP108CA-4-ii.	5e-010	188864	(M74027) mucin [Homo sapiens]	2e-007
4881	AF075079	Homo sapiens full length insert cDNA YQ80A08	1.00E-12	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	4.6
4882	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.015	3176689	(AC003671) Contains similarity to ubiquitin carboxyl-terminal hydrolase 14 gb Z35927 from S. cerevisiae. [Arabidopsis thaliana]	4.5
4883	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.12	<NONE>	<NONE>	<NONE>
4884	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4885	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4886	U74586	Rattus norvegicus double-stranded RNA specific adenosine deaminase (RED2) mRNA, complete cds	3.5	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI Dle1249651 (AL021711) putative protein [Arabidopsis thaliana]	4e-008
4887	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	5e-014	2497599	LAMININ BETA-2 CHAIN PRECURSOR	5.4
4888	D78572	House mouse; Musculus domesticus mRNA for membrane glycoprotein, complete cds > :: dbj E12950 E12950 cDNA GA3-43 encoding novel polypeptide which appear when differentiate from embryo-tumor cell P19 to nerve cell	7e-017	1545807	(D78572) membrane glycoprotein [Mus musculus]	1.2
4889	L07273	Rattus norvegicus carboxypeptidase E (CPE) gene, exon 1.	3.2	<NONE>	<NONE>	<NONE>
4890	Z46629	Homo sapiens SOX9 mRNA. > :: gb G28593 G28593 human STS SHGC-35378.	e-132	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4891	M30802	Human aromatase cytochrome P-450 gene, exon 8.	3.3	<NONE>	<NONE>	<NONE>
4892	M28699	Homo sapiens nucleolar phosphoprotein B23 (NPM1) mRNA, complete cds.	5e-088	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.2
4893	M89955	Human 5-HT1D-type serotonin receptor gene, complete cds.	0	2494923	5-HYDROXYTRYPTAMINE 1D RECEPTOR 1D [Cavia porcellus]	3e-008
4894	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
4895	AF004230	Homo sapiens monocyte/macrophage Ig-related receptor MIR-7 (MIR cl-7) mRNA, complete cds	2e-012	<NONE>	<NONE>	<NONE>
4896	D50463	Mouse SDR1 mRNA, complete cds	0	1806276	(X99337) glycoprotein 55 [Rattus norvegicus]	e-103
4897	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4898	AB014597	Homo sapiens mRNA for KIAA0697 protein, partial cds	2e-067	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-051
4899	AF047598	Homo sapiens origin recognition complex subunit 4 (ORC4L) mRNA, complete cds	e-110	2736149	(AF022108) putative replication initiator origin recognition complex subunit Orc4Lp [Homo sapiens] subunit 4; Orc4p [Homo sapiens]	7e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4900	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4901	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
4902	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4903	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4904	U22325	Mus musculus faciogenital dysplasia (Fgd1) mRNA, complete cds.	1.20E+00	<NONE>	<NONE>	<NONE>
4905	U26162	Human myosin regulatory light chain mRNA, complete cds.	0	228542	myosin:SUBUNIT =regulatory light chain	3e-068
4906	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4907	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	3822225	(AF079183) RING-H2 finger protein RHG1a [Arabidopsis thaliana]	4e-006
4908	X65319	Cloning vector pCAT-Enhancer	1e-075	987050	(X65335) lacZ gene product [unidentified cloning vector]	8e-019
4909	AJ010475	Arabidopsis thaliana mRNA for DEAD box RNA helicase, RH28	0.62	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4910	U48364	Mus musculus muscle-specific transcriptional activator alpha-NAC gp220 (Naca) mRNA, complete cds	0.2	<NONE>	<NONE>	<NONE>
4911	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4912	J03750	Mouse single stranded DNA binding protein p9 mRNA, complete cds.	e-135	1709514	ACTIVATED RNA POLYMERASE II TRANSCRIPTIONAL COACTIVATOR P15 (PC4) (P14) cofactor p15 - human >gi 531395 (U12979) PC4 [Homo sapiens] >gi 619161 (X79805) PC4, p15 [Homo sapiens]	1e-020
4913	U70263	Border disease virus strain BD31, complete genome	3.2	<NONE>	<NONE>	<NONE>
4914	AB012086	Canine herpesvirus gene for immediate-early protein, complete cds	0.37	<NONE>	<NONE>	<NONE>
4915	X05908	Human mRNA for lipocortin	e-162	113944	ANNEXIN I (LIPOCORTIN I) (CALPACTIN II) (CHROMOBINDIN 9) (P35) (PHOSPHOLIPASE A2 INHIBITORY PROTEIN) >gi 71756 pir LU HU annexin I - human >gi 34388	9e-041
4916	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4917	U90911	Human clone 23652 mRNA sequence	0.13	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4918	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	8e-007	<NONE>	<NONE>	<NONE>
4919	X57830	H.sapiens serotonin 5-HT2 receptor mRNA > :: gb G28536 G285 36 human STS SHGC-31576.	4e-011	<NONE>	<NONE>	<NONE>
4920	U67559	Methanococcus jannaschii section 101 of 150 of the complete genome	3.5	<NONE>	<NONE>	<NONE>
4921	M20020	Human ribosomal protein S6 mRNA, complete cds.	0	133978	40S RIBOSOMAL PROTEIN S6 protein S6 - rat >gi 70933 pir R3 MS6 ribosomal protein S6 - mouse >gi 319910 pir R3 HU6 ribosomal protein S6 - human >gi 36148 (X67309) ribosomal protein S6 [Homo sapiens] >gi 54010 (Y00348) ribosomal protein S6 [Mus musculus] >g	2e-072
4922	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4923	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	6e-006	<NONE>	<NONE>	<NONE>
4924	X76683	Plasmid vector pHM2 betalactamase gene	e-160	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4925	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4926	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	0.002	<NONE>	<NONE>	<NONE>
4927	D50369	Homo sapiens mRNA for low molecular mass ubiquinone-binding protein, complete cds	e-152	3024781	UBIQUINOL-CYTOCHROME C REDUCTASE COMPLEX UBIQUINONE-BINDING PROTEIN QP-C PROTEIN) (COMPLEX III SUBUNIT VII) >gi 2605590 (D50369) low molecular mass ubiquinone-binding protein [Homo sapiens]	6e-023
4928	M63391	Human desmin gene, complete cds.	4e-013	<NONE>	<NONE>	<NONE>
4929	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4930	U38253	Rattus norvegicus initiation factor eIF-2B gamma subunit (eIF-2B gamma) mRNA, complete cds	e-175	2494312	TRANSLATION INITIATION FACTOR EIF-2B GAMMA SUBUNIT (EIF-2B GDP-GTP EXCHANGE FACTOR) subunit [Rattus norvegicus]	4e-040
4931	D38417	Mouse mRNA for arylhydrocarbon receptor, complete cds	e-110	<NONE>	<NONE>	<NONE>
4932	U50767	Mus musculus alpha 1 type I collagen gene, partial cds and 3' flanking region.	1.2	<NONE>	<NONE>	<NONE>
4933	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4934	U86137	Mus musculus telomerase protein-1 mRNA, complete cds	1.70E-01	3327208	(AB014597) KIAA0697 protein [Homo sapiens]	9e-006
4935	S57980	Crp1=cystatin-related protein-1 [rats, Genomic, 7673 nt]	0.041	<NONE>	<NONE>	<NONE>
4936	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4937	AB012047	Arabidopsis thaliana gene for sulfate transporter, complete cds, clone:AST56	0.14	3915658	ATP-DEPENDENT RNA HELICASE A helicase II [Homo sapiens]	6.1
4938	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4939	AB018374	Mus musculus GARP34 mRNA, complete cds	3e-037	<NONE>	<NONE>	<NONE>
4940	AF001498	Campylobacter jejuni polysaccharide biosynthesis protein homolog gene, partial cds, galactosyl transferase homolog, UDP-galactose phosphate transferase homolog, acetyl transferase homolog and aminotransferase homolog gen...	3e-005	<NONE>	<NONE>	<NONE>
4941	J04617	Human elongation factor EF-1-alpha gene, complete cds. > :: dbj E02629 E02629 DNA of human polypeptide chain elongation factor-	3e-090	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
		l alpha				
4942	Z54349	H.sapiens MN/CA9 GENE	2e-007	<NONE>	<NONE>	<NONE>
4943	AF077374	Homo sapiens small proline-rich protein (SPRR3) gene, exons 1, 2, and 3 and complete cds	1.3	<NONE>	<NONE>	<NONE>
4944	X59828	Human chromosome 22 flanking hypervariable simple repeat DNA (clone HZREP42)	0.0003	<NONE>	<NONE>	<NONE>
4945	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional modulating protein IE63 (gene UL54) herpesvirus 1]	5.8
4946	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.00E-09	124180	TRANSCRIPTIO NAL REGULATOR IE63 human herpesvirus 1 (strain 17) herpesvirus 1] >gi 221713 (D00374) immediate early transcriptional	5.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					modulating protein IE63 (gene UL54) herpesvirus 1]	
4947	X76683	Plasmid vector pHM2 betalactamase gene	8e-092	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
4948	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4949	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-04	<NONE>	<NONE>	<NONE>
4950	X16972	Drosophila melanogaster cecropin gene cluster	1.20E-01	1362688	morphogen Xhh precursor - African clawed frog >gi 790938 (L39213) morphogen [Xenopus laevis]	1.9
4951	U12022	Human calmodulin (CALM1) gene, exons 2,3,4,5 and 6, and complete cds	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
4952	X56536	Rabbit mRNA for pH regulatory protein (Na ⁺ /H ⁺ exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi 1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4953	AF037438	Homo sapiens short chain L-3-hydroxyacyl-CoA dehydrogenase (SCHAD) gene, complete cds	2e-006	<NONE>	<NONE>	<NONE>
4954	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	4e-012	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	3.4
4955	AB000467	Homo sapiens mRNA, partial cds, clone:RES4-25	2e-012	<NONE>	<NONE>	<NONE>
4956	U31525	Human glycogenin mRNA, complete cds	0	1707996	GLYCOGENIN >gi 2135280 pir J C4695 glycogenin glucosyltransferase (EC 2.4.1.186) - human	5e-042
4957	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4958	AF003836	Mesocricetus auratus isopentenyl diphosphate:dime thylallyl diphosphate isomerase mRNA, complete cds	1.30E+00	<NONE>	<NONE>	<NONE>
4959	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4960	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4961	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4962	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4.90E-02	<NONE>	<NONE>	<NONE>
4963	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4964	L32537	Homo sapiens (clone XP6G6B) mRNA, partial EST.	5.00E-03	<NONE>	<NONE>	<NONE>
4965	X63787	T.thermophila gene for snRNA U3-2	0.41	<NONE>	<NONE>	<NONE>
4966	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4967	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-015	<NONE>	<NONE>	<NONE>
4968	U35114	Human apolipoprotein E (APOE) gene, hepatic control region HCR-2	9e-005	<NONE>	<NONE>	<NONE>
4969	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
4970	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4971	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4972	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	<NONE>	<NONE>	<NONE>
4973	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4974	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4975	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	7.00E-07	<NONE>	<NONE>	<NONE>
4976	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4977	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4978	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.005	2995290	(AL022268) putative transmembrane transport protein [Streptomyces coelicolor]	1.50E-02
4979	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2.00E-05	2983512	(AE000718) putative protein [Aquifex aeolicus]	2.2
4980	X56536	Rabbit mRNA for pH regulatory protein (Na ⁺ /H ⁺ exchanger), partial	2.3	119110	EBNA-1 NUCLEAR PROTEIN herpesvirus 4 (strain B95-8) >gi1334880 (V01555) BKRF1 encodes EBNA-1 protein, latent cycle gene. [Human herpesvirus 4]	4e-018
4981	Z11508	A.thaliana rpl15 gene for plastid ribosomal protein CL15	5.00E-03	3283910	(AF070638) unknown [Homo sapiens]	2.5
4982	X95834	H.sapiens DNA sequence surrounding NotI site, clone NRLA143D	7e-070	1588365	signal peptidase:SUBUN IT=12kD [Homo sapiens]	1e-043

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4983	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	2e-007	4008081	(AF106835) putative DnaJ [Methylovorus sp. strain SS1]	3e-010
4984	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4985	U43626	Human chromosome 15q11-q13 putative DNA replication origin in the g-aminobutyric acid receptor b3 and a5 gene cluster	2e-018	2197085	(AF003535) ORF2-like protein [Homo sapiens]	0.0002
4986	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4987	D21272	Rice mRNA for ADP-glucose pyrophosphorylase	1.1	1708084	EXOGLUCANASE B PRECURSOR 1,4-beta-cellobiosidase (EC 3.2.1.91) precursor - Cellulomonas fimi >gi 790698 (L38827) beta-1,4-cellobiohydrolase [Cellulomonas fimi]	5.8
4988	U59706	Gallus gallus alternatively spliced AMPA glutamate receptor, isoform GluR2 flop, (GluR2) mRNA, partial cds.	0.015	<NONE>	<NONE>	<NONE>
4989	AF086033	Homo sapiens full length insert cDNA clone YW26E09	e-174	<NONE>	<NONE>	<NONE>
4990	L31840	Rattus norvegicus nuclear pore complex protein NUP107 mRNA, complete cds.	e-179	1709212	NUCLEAR PORE COMPLEX PROTEIN NUP107	2e-083

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4991	AF052144	Homo sapiens clone 24573 and 24786 mRNA sequences	e-170	1174415	SPIDROIN 2 (DRAGLINE SILK FIBROIN 2) >gij345426 pir A4 4112 spidroin 2, dragline silk fibroin - orb spider (Nephila clavipes) (fragment) clavipes]	4.8
4992	M22406	Human intestinal mucin mRNA, partial cds, clone SMUC 42.	0.085	188864	(M74027) mucin [Homo sapiens]	1e-009
4993	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
4994	U24697	Chironomus samoensis nanos homolog (Cs nos) gene, complete cds.	0.13	3880999	(AL021492) Y45F10D.11 [Caenorhabditis elegans]	7e-022
4995	M64716	Human ribosomal protein S25 mRNA, complete cds.	4e-074	2943738	(AB011550) Drosophila Policomblake-related gene containing PHD fingers. [Mus musculus]	4e-011
4996	X54326	H.sapiens mRNA for glutaminyl-tRNA synthetase	0	135104	MULTIFUNCTIONAL AMINOACYL-TRNA SYNTHETASE (CONTAINS: GLUTAMYL-TRNA SYNTHETASE glutamyl-prolyl-tRNA synthetase - human >gij31958	1e-088
4997	Z12112	pWE15A cosmid vector DNA	2e-028	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-007
4998	Z62939	H.sapiens CpG DNA, clone 75fl, forward read cpg75fl.ft1b.	3e-010	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
4999	<NONE>	<NONE>	<NONE>	2134574	mucin - rhesus macaque (fragment) >gi437055	5e-005
5000	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	9e-009	<NONE>	<NONE>	<NONE>
5001	Z93950	H.sapiens DNA; chromosome Y repeat regions	0.15	<NONE>	<NONE>	<NONE>
5002	X64037	H.sapiens mRNA for RNA polymerase II associated protein RAP74	5e-056	<NONE>	<NONE>	<NONE>
5003	M37583	Human histone (H2A.Z) mRNA, complete cds.	e-132	121994	HISTONE H2A.Z >gi89608 pir S03642 histone H2A.Z - bovine >gi92380 pir S03644 histone H2A.Z - rat >gi106267 pir A35881 histone H2A.Z - human sapiens] >gi57808 (X52316) histone H2A.Z (AA 1-127) taurus] >gi184060 (M37583) histone (H2A.Z) [Homo sapien	2e-044
5004	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5005	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	4e-011	<NONE>	<NONE>	<NONE>
5006	M94764	Glycine max cv. Dare nodulin 26 gene fragment.	0.043	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5007	Z34287	B.subtilis (SO113) genomic DNA (5425bp)	1.2	<NONE>	<NONE>	<NONE>
5008	X76683	Plasmid vector pHM2 betalactamase gene	6e-078	987050	(X65335) lacZ gene product [unidentified cloning vector]	2e-014
5009	D17577	Mouse mRNA for kinesin-like protein (Kif1b), complete cds	e-109	2497524	KINESIN-LIKE PROTEIN KIF1B mouse >gi 407339 gnl PI D d1005029 (D17577) Kif1b [Mus musculus]	9e-041
5010	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5011	D88271	Human (lambda) DNA for immunoglobulin light chain	1e-021	<NONE>	<NONE>	<NONE>
5012	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5013	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5014	AF052133	Homo sapiens clone 23970 mRNA sequence	0	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.9
5015	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17g,E78q) Complexed With Calcium	4e-005

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5016	M21731	Human lipocortin-V mRNA, complete cds.	e-169	999934	Annexin V (Lipocortin V, Endonexin II, Placental Anticoagulant Protein) Mutant With Glu 17 Replaced By Gly, Glu 78 Replaced By Gln (E17G,E78Q) Complexed With Calcium	4e-005
5017	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5018	L44118	Homo sapiens proximal CMT1A-REP repeat	0.0005	<NONE>	<NONE>	<NONE>
5019	Y16849	Bacillus sp. D3 xynA and abfA genes and ORF1	2e-015	<NONE>	<NONE>	<NONE>
5020	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	465975	PUTATIVE ATP-DEPENDENT RNA HELICASE T26G10.1 IN CHROMOSOME III >gi 482102 pir S40731 ATP-dependent RNA helicase homolog T26G10.1 - Caenorhabditis elegans >gi 3880293 gnl PI D e1349766 1397-1495 which introduced stop codon at 3' splice; 5' splice looks v.	9e-005
5021	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5022	U02455	Cloning vector rpDR2, complete sequence.	0.35	2132302	hypothetical protein YPR144c - yeast similarity near C-terminus to RNA Polymerase beta subunit (Swiss Prot. accession number P11213) and CCAAT-binding transcription factor (PIR accession number A36368) [Saccharomyces cerevisiae]	1e-031
5023	X97999	H.sapiens mRNA for transcription factor IID, subunit TAFII55	0	3024690	TRANSCRIPTIO N INITIATION FACTOR TFIID 55 KD SUBUNIT (TAFII-55) (TAFII55) factor IID [Homo sapiens]	4e-083
5024	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5025	X71642	M.musculus GEG-154 mRNA	3e-092	<NONE>	<NONE>	<NONE>
5026	AB018270	Homo sapiens mRNA for KIAA0727 protein, partial cds	4e-061	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	7.6
5027	D90086	Human pyruvate dehydrogenase (EC 1.2.4.1) beta subunit gene, exons 1-10	4e-011	2143936	probable regulatory protein 322 - rat	7.7
5028	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.002	<NONE>	<NONE>	<NONE>
5029	X65319	Cloning vector pCAT-Enhancer	2e-081	987050	(X65335) lacZ gene product [unidentified cloning vector]	3e-015
5030	<NONE>	<NONE>	<NONE>	188864	(M74027) mucin [Homo sapiens]	0.001

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5031	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	0.0002	3258141	(AP000007) 138aa long hypothetical protein [Pyrococcus horikoshii]	9.6
5032	X98001	H.sapiens mRNA for geranylgeranyl transferase II	e-129	2506788	GERANYLGERA NYL TRANSFERASE TYPE II BETA SUBUNIT (RAB GERANYLGERA NYLTRANSFER ASE BETA SUBUNIT) (RAB GERANYL- GERANYLTRAN SFERASE BETA SUBUNIT) transferase II [Homo sapiens]	3e-026
5033	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5034	U72789	Human cosmid U197H5, complete sequence [Homo sapiens]	5e-023	<NONE>	<NONE>	<NONE>
5035	U19239	Choristoneura fumiferana entomopoxvirus spheroidin gene, complete cds, G4R gene, partial cds, and nucleoside triphosphate phosphohydrolase (NPH I) gene, partial cds	3.8	<NONE>	<NONE>	<NONE>
5036	U95098	Xenopus laevis mitotic phosphoprotein 44 mRNA, partial cds	8e-009	2690166	(AE000788) B. burgdorferi predicted coding region BBK23	4

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5037	U66871	Human enhancer of rudimentary homolog mRNA, complete cds	0	2498336	ENHANCER OF RUDIMENTARY HOMOLOG homologous to DROER protein [Homo sapiens] >gi 1519519 sapiens]	6e-057
5038	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5039	X99728	H.sapiens NDUFV3 gene, exon 3	3e-092	2829450	NADH-UBIQUINONE OXIDOREDUCTASE 9 KD SUBUNIT PRECURSOR (COMPLEX I-9KD) (CI-9KD)	1e-015
5040	X78730	M. musculus DNA for the flanking sequences of the hypothalamic GRH first exons	2	<NONE>	<NONE>	<NONE>
5041	X84373	H.sapiens mRNA for nuclear factor RIP140 > :: gb G28540 G28540 human STS SHGC-31616.	e-155	<NONE>	<NONE>	<NONE>
5042	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5043	X82272	Human endogenous retrovirus env mRNA	8e-081	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-058
5044	AF029982	Mus musculus sarco(endo)plasmic reticulum calcium ATPase (SERCA2) gene, promoter region, exons 1-3, and partial cds	0.003	3873550	(AL033534) serine-rich protein	0.018
5045	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5046	Y12781	Homo sapiens mRNA for transducin (beta) like 1 protein	1e-084	3021409	(Y12781) transducin (beta) like 1 protein [Homo sapiens]	2e-064

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5047	S63912	D10S102=FBRN P [human, fetal brain, mRNA, 3043 nt]	4e-084	<NONE>	<NONE>	<NONE>
5048	X91192	H.sapiens PLC beta 3 gene (exon 1) and SOM172 gene (exon 1)	1e-096	3294231	(AJ223970) mono-methyl transferase	3
5049	X03558	Human mRNA for elongation factor 1 alpha subunit	0	1169475	ELONGATION FACTOR 1-ALPHA 1	e-108
5050	L31783	Mus musculus uridine kinase mRNA, partial cds	3e-029	1718058	URIDINE KINASE (URIDINE MONOPHOSPHO KINASE) >gi 471981 (L31783) uridine kinase	4e-011
5051	X75652	A.longa plastid genes for tRNAs, ribosomal protein, rRNA and elongation factor	1.3	<NONE>	<NONE>	<NONE>
5052	Z93123	M.acuminata mRNA; clone pBAN UD75	1.1	<NONE>	<NONE>	<NONE>
5053	D16901	Human HepG2 3' region cDNA, clone hmd2h05	1.5	<NONE>	<NONE>	<NONE>
5054	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5055	AF043252	Homo sapiens mitochondrial outer membrane protein (Tom40) gene, nuclear gene encoding mitochondrial protein, exons 7, 8 and 9	e-106	3941342	(AF043250) mitochondrial outer membrane protein [Homo sapiens] >gi 3941347 (AF043253) mitochondrial outer membrane protein [Homo sapiens] >gi 4105703 (AF050154) D19S1177E [Homo sapiens]	6e-007
5056	X66494	R.norvegicus CHOT1 mRNA	1e-012	1545807	(D78572) membrane glycoprotein [Mus musculus]	3e-007
5057	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5058	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-007	3513368	(AB017202) entactin-2 [Mus musculus]	3e-005
5059	U77107	Fundulus lineolatus cytochrome b (cytb) gene, mitochondrial gene encoding mitochondrial protein, partial cds	0.37	3947877	(AL034382) putative mitosis and maintenance of ploidy protein [Schizosaccharom yces pombe]	7e-026
5060	X52317	Human mRNA for histone H2A.Z	5e-014	<NONE>	<NONE>	<NONE>
5061	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-008	<NONE>	<NONE>	<NONE>
5062	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1.2	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5063	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5064	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	1e-011	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	1.5
5065	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0002	<NONE>	<NONE>	<NONE>
5066	X15943	Human calcitonin/alpha-CGRP gene	1e-012	1575563	(U66464) hematopoietic progenitor kinase [Homo sapiens]	5.6
5067	AF001175	Homo sapiens ribonuclease P protein subunit p14 (Rpp14) mRNA, complete cds	0	4100563	(AF001175) ribonuclease P protein subunit p14 [Homo sapiens]	2e-032
5068	L29260	Arabidopsis thaliana 1-amino-1-cyclopropanecarboxylate synthase (ACS5) gene, complete cds.	0.41	<NONE>	<NONE>	<NONE>
5069	X57268	Mouse DNA for t-haplotype-specific elements (located in H-2 complex, ETn related)	1.2	<NONE>	<NONE>	<NONE>
5070	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	1e-010	2072296	(U95098) mitotic phosphoprotein 44 [Xenopus laevis]	5.5
5071	Y11896	M.musculus mRNA for Brx gene, partial	3e-018	2196874	(Y11896) BRX protein [Mus musculus]	3e-011

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5072	Y00711	Human mRNA for lactate dehydrogenase B (LDH-B)	0	126041	L-LACTATE DEHYDROGENASE H CHAIN dehydrogenase B (AA 1 - 334) [Homo sapiens] >gi 1200083	e-102
5073	AF065482	Homo sapiens sorting nexin 2 (SNX2) mRNA, complete cds	0	3152938	(AF065482) sorting nexin 2 [Homo sapiens]	3e-072
5074	M86374	Rat tropoelastin gene, intron 25 (partial).	0.13	<NONE>	<NONE>	<NONE>
5075	D50418	Mouse mRNA for AREC3, partial cds	6e-047	2495271	SKELETAL MUSCLE-SPECIFIC ARE BINDING PROTEIN AREC3 (HOMEODOMAIN PROTEIN SIX4) M18) - mouse >gi 1255626 gnl PI D d1009550 (D50416) AREC3	2e-006
5076	D17448	Microcystis aeruginosa plasmid pMA2 DNA, complete genome sequence	0.13	<NONE>	<NONE>	<NONE>
5077	M29548	Human elongation factor 1-alpha (EF1A) mRNA, partial cds.	e-166	1169475	ELONGATION FACTOR 1-ALPHA 1	6e-010
5078	AF081496	Homo sapiens kinetochore protein BUB3 (BUB3) mRNA, complete cds	6e-044	2921873	(AF047472) spleen mitotic checkpoint BUB3 [Homo sapiens] protein BUB3 [Homo sapiens]	3e-006
5079	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5080	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5081	M14123	Human endogenous retrovirus HERV-K10.	2e-065	1196429	(M14123) pol/env ORF (bases 3878-8257) first start codon at 4172; Xxx; putative [Homo sapiens]	6e-037
5082	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5083	D30655	Homo sapiens mRNA for eukaryotic initiation factor 4AII, complete cds	0	673433	(X56953) protein synthesis initiation factor 4A [Mus musculus]	2e-092
5084	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	5e-045	3122072	ELONGATION FACTOR 1-ALPHA 1 chicken >gi488468 (L00677) elongation factor 1 alpha	1e-009
5085	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5086	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5087	U78310	Homo sapiens pescadillo mRNA, complete cds	e-122	2194203	(U78310) pescadillo [Homo sapiens]	9e-009
5088	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5089	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-005	<NONE>	<NONE>	<NONE>
5090	U09368	Human zinc finger protein ZNF140	0	1731416	ZINC FINGER PROTEIN 140 human >gi487787 (U09368) zinc finger protein ZNF140	2e-062
5091	M98509	Human NFB genomic fragment.	1e-010	<NONE>	<NONE>	<NONE>
5092	AB002322	Human mRNA for KIAA0324 gene, partial cds	e-130	2996650	(AC004493) KIAA0324 [Homo sapiens]	9e-018
5093	AJ007670	Homo sapiens mRNA for LGMD2B protein	2e-014	403460	(L24521) transformation-related protein [Homo sapiens]	3.8

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5094	X16869	Human mRNA for elongation factor 1-alpha (clone CEF4)	0	181967	(M29548) elongation factor 1-alpha [Homo sapiens]	2e-036
5095	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>
5096	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0005	<NONE>	<NONE>	<NONE>
5097	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5098	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	2e-006	<NONE>	<NONE>	<NONE>
5099	U45421	Borrelia burgdorferi 2.9-1 locus, ORF 5-8, ORF-A-D, REP+, REP-, and lipoprotein (LP) genes, complete cds	0.014	3510605	(AF044267) gyrase subunit B [Chlamydia trachomatis]	3.4
5100	L54057	Homo sapiens CLP mRNA, partial cds.	0	<NONE>	<NONE>	<NONE>
5101	D14660	Human mRNA for KIAA0104 gene, complete cds	0	1350786	PUTATIVE 60S RIBOSOMAL PROTEIN [Homo sapiens] >gi 3947438 (AC005034) ribosomal protein-like	e-111

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5102	X78627	H.sapiens mRNA for translin.	0	1082873	translin - human >gi 607130 (X78627) translin [Homo sapiens] >gi 1586346 prf 2203413A recombination hotspot-binding protein [Homo sapiens]	5e-068
5103	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	0.0001	<NONE>	<NONE>	<NONE>
5104	M12585	Mouse alpha-1 antitrypsin gene, segment 1.	2e-006	3873550	(AL033534) serine-rich protein	1.7
5105	X52967	Human mRNA for ribosomal protein L7	0	423072	ribosomal protein L7 - human	7e-061
5106	U95094	Xenopus laevis XL-INCENP (XL-INCENP) mRNA, complete cds	7e-007	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5107	X78722	M.musculus GLUT2 gene for glucose transporter	0.34	1685115	(U68754) putative transcription factor [Dictyostelium discoideum]	3.8
5108	AF002677	Dictyostelium discoideum DEAD-box RNA helicase	0.28	3293508	(AF069188) NADH dehydrogenase 1 [Ephedrus laevicollis]	0.81
5109	AB018263	Homo sapiens mRNA for KIAA0720 protein, partial cds	0.87	107240	oncogene 1 (tre-2 locus) (clone 210) - human	0.19
5110	AF017115	Homo sapiens cytochrome c oxidase subunit IV precursor (COX4) gene, nuclear gene encoding mitochondrial protein, complete cds	0.77	<NONE>	<NONE>	<NONE>
5111	AE001383	Plasmodium falciparum chromosome 2, section 20 of 73 of the complete sequence	0.15	2315754	(AF016681) No definition line found [Caenorhabditis elegans]	9.6
5112	D49577	Pig mRNA for rearranged T-cell receptor delta-chain/Vdelta1.14-Deltas-Jdelta1, partial cds	0.91	<NONE>	<NONE>	<NONE>
5113	U63810	Homo sapiens WD40 protein Ciao 1 mRNA, complete cds	0.0	3219331	(AC004020) Unknown gene product [Homo sapiens]	3e-92
5114	AF085858	Homo sapiens full length insert cDNA clone YN49B07	e-172	3329465	(AF064553) NSD1 protein [Mus musculus]	8e-54
5115	X01682	Mouse gene for cytochrome P3-450	0.026	1381394	(U40989) tat interactive protein [Homo sapiens]	4.0

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5116	AE001432	Plasmodium falciparum chromosome 2, section 69 of 73 of the complete sequence	1.5	3873713	(Z74026) cDNA EST yk452h4.3 comes from this gene; cDNA EST yk452h4.5 comes from this gene	9e-11
5117	U31973	Human phosphodiesterase A' subunit (PDE6C) mRNA, complete cds. > :: gb G28549 G28549 human STS SHGC-31657.	2.3	136976	PROTEIN UL87 >gi 76594 pir S09851 hypothetical protein UL87 - human cytomegalovirus cytomegalovirus]	8.1
5118	X02212	Chicken alpha-cardiac actin gene	2.6	<NONE>	<NONE>	<NONE>
5119	AE000838	Methanobacterium thermoautotrophicum from bases 494834 to 505698 (section 44 of 148) of the complete genome	0.89	765086	(D30786) feline CD9 [Felis catus]	1.4
5120	U89744	Rattus norvegicus putative cell surface antigen mRNA, complete cds	0.68	728850	GLUCOAMYLASE S1/S2 PRECURSOR (GLUCAN 1,4-ALPHA-GLUCOSIDASE) (1,4-ALPHA-D-GLUCAN GLUCOHYDROLASE) >gi 626156 pir S48478 glucan 1,4-alpha-glucosidase (EC 3.2.1.3) - yeast stal, len: 1367, CAI: 0.3, AMYH_YEAST P08640 GLUCOAMYLASE S1 (EC 3.2.1.3) [Saccharomyc	9e-06

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5121	J04974	Human alpha-2 type XI collagen mRNA (COL11A2).	1.2	114887	BREAKPOINT CLUSTER REGION PROTEIN protein, splice form 1 - human >gi 29421 (X02596) bcr gene product [Homo sapiens]	9.4
5122	AL021806	Homo sapiens DNA sequence from PAC 779B17 on chromosome 22q13.1. Contains exon trap, complete sequence	0.046	2827756	EPHRIN TYPE-A RECEPTOR 1 PRECURSOR	1.9
5123	X68826	P.sativum mRNA for fructose 1,6 biphosphatase	0.95	1314248	(U24681) NADH:cytochrome c reductase [synthetic construct]	2e-05
5124	M14431	Bacteriophage phi-29 gene-16 gene, complete cds.	0.035	<NONE>	<NONE>	<NONE>
5125	U17033	Human 180 kDa transmembrane PLA2 receptor mRNA, complete cds.	0.36	722372	(U23139) similar to beta transducin proteins containing TRP-ASP domains [Caenorhabditis elegans]	3e-08
5126	Z50202	P.vulgaris arc5-1 gene	0.007	1151256	(U43319) transmembrane receptor [Mus musculus]	0.13
5127	AF013711	Homo sapiens 22 kDa actin-binding protein	2e-10	<NONE>	<NONE>	<NONE>
5128	AF086324	Homo sapiens full length insert cDNA clone ZD53E07	5e-09	3318653	(U83192) post-synaptic density protein 95 [Homo sapiens]	0.001
5129	D90117	T. thermophila mRNA for citrate synthase (EC 4.1.3.7)	0.63	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5130	D45105	Metschnikowia reukaufii 26S rRNA, partial sequence	0.78	<NONE>	<NONE>	<NONE>
5131	D85088	Ectoplasma limuli DNA for 18s ribosomal RNA	0.41	267408	PROBABLE DNA PACKAGING PROTEIN packaging protein [Human herpesvirus 4]	7.2
5132	X89886	P.patens mRNA for 5-aminolevulinate dehydratase	0.41	3875246	(Z81490) similar to WD domain, G-beta repeats (2 domains); cDNA EST EMBL:T00482 comes from this gene; cDNA EST EMBL:T00923 comes from this gene; cDNA EST yk449d4.3 comes from this gene; cDNA EST yk449d4.5 comes from this gen...	2e-22
5133	AB014564	Homo sapiens mRNA for KIAA0664 protein, partial cds	0.0	2981221	(AF053091) eyelid [Drosophila melanogaster]	0.076
5134	AE001403	Plasmodium falciparum chromosome 2, section 40 of 73 of the complete sequence	0.003	2495297	HYPOTHETICAL 26.3 KD HOMEBOX PROTEIN C02F12.5 IN CHROMOSOME X >gil1109893 (U41545) strong similarity to homeobox proteins; similar to inhibitor domain of tissue factor pathway inhibitor	3.7

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5135	U92574	Fugu rubripes homeobox protein HOXB-1 (FrHOXB-1) gene, complete cds	0.54	<NONE>	<NONE>	<NONE>
5136	U31118	Xenopus laevis cytoplasmic myosin II regulatory light chain mRNA, complete cds	0.26	3879530	(Z49130) cDNA EST yk486b9.3 comes from this gene; cDNA EST yk486b9.5 comes from this gene	8e-07
5137	L49035	Gorilla gorilla ABC-transporter (TAP2) mRNA, complete cds	0.21	4007066	(AJ131571) X protein [Hepatitis B virus]	1.3
5138	AF068628	Mus musculus DNA cytosine-5 methyltransferase 3B3 (Dnmt3b) mRNA, alternatively spliced, complete cds	4e-04	<NONE>	<NONE>	<NONE>
5139	M64982	Human fibrinogen alpha chain gene, complete mRNAs.	0.062	<NONE>	<NONE>	<NONE>
5140	M19262	Rat clathrin light chain (LCB3) mRNA, complete cds.	0.25	2088802	(AF003151) D1007.4 gene product [Caenorhabditis elegans]	0.012
5141	X94947	L.esculentum mRNA for homeobox protein	3.7	2315770	(AF016683) K09F6.1 gene product [Caenorhabditis elegans]	0.096
5142	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>	<NONE>
5143	M33782	Human TFEB protein mRNA, partial cds.	0.36	<NONE>	<NONE>	<NONE>
5144	AB011098	Homo sapiens mRNA for KIAA0526 protein, complete cds	2e-07	2501115	TBX2 PROTEIN (T-BOX PROTEIN 2)	0.90

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5145	AF039029	Homo sapiens snurportin1 mRNA, complete cds	0.0	3834390	(AF039029) snurportin1 [Homo sapiens]	e-108
5146	U22970	Human interferon-inducible peptide (6-16) gene, complete cds	0.21	<NONE>	<NONE>	<NONE>
5147	D63880	Human mRNA for KIAA0159 gene, complete cds	2e-64	<NONE>	<NONE>	<NONE>
5148	AB011174	Homo sapiens mRNA for KIAA0602 protein, partial cds	e-164	3043728	(AB011174) KIAA0602 protein [Homo sapiens]	2e-53
5149	AF053551	Homo sapiens metaxin 2 (MTX2) mRNA, nuclear gene encoding mitochondrial protein, complete cds	0.0	3283049	(AF053551) metaxin 2 [Homo sapiens]	1e-76
5150	Y13382	Arabidopsis thaliana ferrochelatase-I gene and promoter sequence	0.012	<NONE>	<NONE>	<NONE>
5151	AF044854	Colias eurytheme large subunit ribosomal RNA gene, partial sequence; tRNA-Val gene, complete sequence; and small subunit ribosomal RNA gene, partial sequence, mitochondrial genes for mitochondrial RNAs	1.3	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5152	AF005059	Toxoplasma gondii p97 mRNA, complete cds	0.90	2570049	(Y08701) Pinin [Mus musculus]	1.3
5153	D84307	Human mRNA for phosphoethanolamine cytidyltransferase, complete cds	0.013	<NONE>	<NONE>	<NONE>
5154	D38050	Aspen prxA3a gene for peroxidase, complete cds	0.018	1723942	HYPOTHETICAL 20.8 KD PROTEIN IN COX4-GTS1 INTERGENIC REGION >gi 2131614 pir S61134 hypothetical protein YGL183c - yeast (Saccharomyces cerevisiae) >gi 1143564 gnl PI D e199057 (X91489) putative HMG box [Saccharomyces cerevisiae]	0.39
5155	AL010208	Plasmodium falciparum DNA *** SEQUENCING IN PROGRESS *** from contig 3-103, complete sequence	0.13	1850115	(Z86089) fadD2 [Mycobacterium tuberculosis]	1.5
5156	U07807	Human metallothionein IV (MTIV) gene, complete cds.	0.004	<NONE>	<NONE>	<NONE>
5157	AF048991	Homo sapiens MutS homolog 5 (MSH5) gene, exons 13 through 25 and complete cds	0.001	3986756	(AF109905) NG23 [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5158	U39079	Schizosaccharomyces pombe ARS binding protein 1	0.50	<NONE>	<NONE>	<NONE>
5159	X01706	Mouse intracisternal A-particle (IAP) gene 62 long terminal repeat (LTR)	0.41	2224713	(AB002384) KIAA0386 [Homo sapiens]	8e-04
5160	AF030558	Rattus norvegicus phosphatidylinositol 5-phosphate 4-kinase gamma mRNA, complete cds	8e-13	<NONE>	<NONE>	<NONE>
5161	L06453	Strongylocentrotus purpuratus (clone C) high mobility group 1 protein (HMG1 homologue) gene, complete cds.	0.33	3914031	BETA-GALACTOSIDE SPECIFIC LECTIN I A CHAIN (MLA) (ML-I A) (RRNA N-GLYCOSIDASE)	0.087
5162	Z68320	Caenorhabditis elegans cosmid W07A12, complete sequence [Caenorhabditis elegans]	0.28	2500558	PUTATIVE RIBONUCLEASE III (RNASE III) >gi 3876420 gnl PI D e 346063 (Z81070) similar to ribonuclease [Caenorhabditis elegans]	2e-25
5163	U40397	Mus musculus serum amyloid A-4 protein (Saa4) gene, complete cds	5e-04	<NONE>	<NONE>	<NONE>
5164	X00367	Chlamydomonas chloroplast DNA region with ARS element 03 (ARS = autonomously replicating sequence)	0.046	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5165	U43838	Glycine max choline kinase GmCK1p mRNA, complete cds	1.2	132918	50S RIBOSOMAL PROTEIN L35, CHLOROPLAST PRECURSOR (CL35) >gi 81486 pir A36107 ribosomal protein L35 precursor, chloroplast - spinach oleracea]	2.4
5166	U67590	Methanococcus jannaschii section 132 of 150 of the complete genome	0.097	<NONE>	<NONE>	<NONE>
5167	AB006787	Mus musculus mRNA for apoptosis signal-regulating kinase 1, complete cds	0.39	1263187	(U24215) HOMODA hydrolase [Pseudomonas putida] putida]	0.83
5168	U43567	Trypanosoma cruzi kinetoplast maxicircle DNA, clone TRCKPMAX	0.054	<NONE>	<NONE>	<NONE>
5169	U04706	Bos taurus 50 kDa protein (adp50) mRNA, complete cds.	0.0	2498104	ADRENAL MEDULLA 50 KD PROTEIN	8e-83
5170	L14684	Rattus norvegicus nuclear-encoded mitochondrial elongation factor G mRNA, complete cds.	e-137	585084	ELONGATION FACTOR G, MITOCHONDRIAL PRECURSOR (MEF-G) >gi 543383 pir S40780 translation elongation factor G, mitochondrial - rat >gi 310102	3e-59
5171	U01120	Human glucose-6-phosphatase mRNA, complete cds. >	2e-04	544361	GLUCOSE-6-PHOSPHATASE (G6PASE) (3.1.3.9) - human >gi 452444 (U01120) glucose-6-phosphatase [Homo sapiens]	4e-12

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5172	D87671	Rat mRNA for TIP120, complete cds	e-144	1799570	(D87671) TIP120 [Rattus norvegicus]	3e-69
5173	U22296	Rattus norvegicus casein kinase I gamma 1 isoform mRNA, complete cds	e-120	3024053	CASEIN KINASE I. GAMMA 1 ISOFORM kinase I gamma 1 isoform [Rattus norvegicus]	8e-54
5174	Y07648	A.thaliana nit2 gene. nit1 gene and nit3 gene	0.007	2429486	(AF025464) No definition line found [Caenorhabditis elegans]	9.5
5175	AB013721	Oryctolagus cuniculus mRNA for mitsugumin 23, complete cds	3e-91	3628745	(AB013721) mitsugumin 23 [Oryctolagus cuniculus]	0.006
5176	M74069	Saccharomyces cerevisiae endochitinase (CTS1-1) gene, complete cds.	2.5	<NONE>	<NONE>	<NONE>
5177	Z61469	H.sapiens CpG DNA, clone 52h1, forward read cpg52h1.ft1a	1e-77	1184072	(U40766) COL-1 [Meloidogyne incognita]	0.002
5178	AF015043	Homo sapiens EH-binding protein mRNA, partial cds	0.0	2492914	APOLIPOPROTEIN C-IV PRECURSOR cluster E-C1-C2 linked gene [Mus musculus]	3.0
5179	X74560	H.sapiens (clone pS2) sequence	3e-04	3687469	(AL031798) putative diphthine synthase	3e-23
5180	X94768	H.sapiens RP3 gene (XLRP gene 3)	1e-05	<NONE>	<NONE>	<NONE>
5181	X80937	M.musculus mRNA for RIP1 protein	0.48	107750	synapsin Ib - human	3e-04
5182	M12759	Human Ig J chain gene, exons 3 and 4.	0.036	<NONE>	<NONE>	<NONE>

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5183	M30773	Human calcineurin B mRNA, complete cds	0.002	3878494	(Z79602) predicted using Genefinder; Similarity to Yeast hypothetical protein YAE2 gene; cDNA EST EMBL:M88949 comes from this gene	3e-06
5184	U08831	Human immunodeficiency virus type 1, sample 019 from Thailand (E2TH019W.01d1sCD), envelope glycoprotein c2v3 region (env) gene, partial cds.	0.015	<NONE>	<NONE>	<NONE>
5185	Z98303	Human DNA sequence from BAC 140H19 on chromosome Xq24-25. Contains STS	0.005	<NONE>	<NONE>	<NONE>
5186	AE000952	Archaeoglobus fulgidus section 155 of 172 of the complete genome	2e-07	3257245	(AP000003) 571aa long hypothetical oxaloacetate decarboxylase alpha chain [Pyrococcus horikoshii]	5e-08
5187	L48476	Homo sapiens (subclone 3_e10 from P1 H21) DNA sequence.	2e-04	3877439	(Z72510) similarity to yeast UTR3 protein (Swiss Prot accession number P21374); cDNA EST EMBL:D72822 comes from this gene; cDNA EST EMBL:D75763 comes from this gene; cDNA EST yk274e3.3 comes from this gene; cDNA EST	0.19

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
					yk274e3....	
5188	U95102	Xenopus laevis mitotic phosphoprotein 90 mRNA, complete cds	3e-09	<NONE>	<NONE>	<NONE>
5189	AF055022	Homo sapiens clone 24684 mRNA sequence	e-102	2708743	(AC003952) putative Tal-1-like reverse transcriptase	4.0
5190	AJ009761	Homo sapiens mRNA for putative dimethyladenosine transferase, partial	e-121	4050050	(AF102147) putative dimethyladenosine transferase [Homo sapiens]	8e-48
5191	Y08238	H.pylori clpB gene	0.27	1572756	(U70848) C43G2.1 gene product [Caenorhabditis elegans]	1e-21
5192	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36
5193	J00747	Rat insulin-I (ins-1) gene.	6e-05	4154522	(AE001441) putative [Helicobacter pylori]	3.2
5194	U64454	Human 3' of immunoglobulin heavy chain locus	0.83	281204	gene LF3 protein - human herpesvirus 4 virus]	0.069

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5195	AB002383	Human mRNA for KIAA0385 gene, complete cds	8e-13	2498318	DXS6673E PROTEIN retardation candidate gene [Homo sapiens]	2e-24
5196	M81840	Human NRL gene product mRNA, complete cds.	0.029	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5197	U12523	Rattus norvegicus ultraviolet B radiation-activated UV98 mRNA, partial sequence.	1e-10	3219914	HYPOTHETICAL 16.8 KD PROTEIN C30D10.04 IN CHROMOSOME II >gi 2276353 gnl PI D e330328 pombe]	2e-11
5198	AB017026	Mus musculus mRNA for oxysterol-binding protein, complete cds	0.0	3551523	(AB017026) oxysterol-binding protein	e-120
5199	U83981	Homo sapiens apoptosis associated protein (GADD34) mRNA, complete cds	e-119	3258618	(U83981) apoptosis associated protein [Homo sapiens]	7e-26

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5200	U37580	Streptomyces coelicolor phosphotyrosine protein phosphatase (ptpA) gene, putative cystathionine gamma-lyase (cysA) gene, and LysR-like protein gene, complete cds	0.048	2459916	(AF005859) anon2D7 [Drosophila melanogaster]	0.18
5201	D00723	Human mRNA for hydrogen carrier protein, a component of an enzyme complex, glycine synthase (EC 2.1.2.10)	3e-19	<NONE>	<NONE>	<NONE>
5202	X89366	A.thaliana DNA for 40 kDa protein gene	0.025	1209669	(U38810) CAGR1 [Homo sapiens] >gi 3098420 (AF040945) homeotic regulator homolog MAB21 [Mus musculus]	0.008
5203	AF067158	HIV-1 isolate 301905 from India, complete genome	2.4	<NONE>	<NONE>	<NONE>
5204	U09954	Human ribosomal protein L9 gene, 5' region and complete cds.	5e-37	<NONE>	<NONE>	<NONE>
5205	AF029984	Lycopersicon esculentum COP1 homolog (COP1) mRNA, complete cds	7e-37	4090943	(AF029984) COP1 homolog [Lycopersicon esculentum]	2e-49
5206	U43076	Mus musculus cdc37 homolog mRNA, complete cds	2e-17	2655422	(AF035530) CDC37 [Gallus gallus]	2e-22

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5207	U07745	Lycopersicon esculentum biotin-containing subunit of methylcrotonyl- CoA carboxylase mRNA, partial cds.	4e-32	533707	(U12536) 3- methylcrotonyl- CoA carboxylase precursor	4e-49
5208	X74465	Human papillomavirus type 10 genomic DNA	1.3	3879121	(Z70310) predicted using Genefinder; Similarity to Mouse ankyrin (PIR Acc. No. S37771); cDNA EST EMBL:T01923 comes from this gene; cDNA EST EMBL:D32335 comes from this gene; cDNA EST EMBL:D32723 comes from this gene; cDNA ES... Genefinder; Similarity to M	2e-56
5209	X99261	A.evecta gene encoding blue- light photoreceptor, intron	0.14	2257939	(AF005665) properdin [Homo sapiens]	7.6
5210	M35296	Human tyrosine kinase arg gene mRNA.	1.1	1125781	(U42841) short region of weak similarity to chicken limb deformity protein (PIR:S24286) [Caenorhabditis elegans]	0.61
5211	Z57610	H.sapiens CpG DNA, clone 187a10, reverse read cpg187a10.rt1a.	e-102	404764	(L10409) fork head related protein [Mus musculus]	1e-16

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5212	X85753	Homo sapiens mRNA for CDK8 protein kinase > :: emb A61243 A61243 Sequence 1 from Patent WO9709432	6e-59	1171821	NADH-UBIQUINONE OXIDOREDUCTASE CHAIN 5 >gi 559499 gnl PI D1192548 (X54253) ND5 protein	9.5
5213	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	7e-61	2136744	endothelin converting enzyme-2 - bovine	3e-29
5214	U63648	Mus musculus p160 myb-binding protein (P160) mRNA, complete cds	4e-58	2645205	(U63648) p160 myb-binding protein [Mus musculus]	2e-34
5215	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-140	2306969	(AF007860) xl-Mago [Xenopus laevis]	3e-76
5216	X80045	O.aries mRNA for acetyl-CoA carboxylase	2e-54	542750	acetyl-CoA carboxylase (EC 6.4.1.2) - human sapiens] >gi 740964 prf 2006242A Ac-CoA carboxylase	8e-10
5217	Z46372	R.norvegicus RNA for DNA topoisomerase II.	e-134	3876360	(Z68315) Similarity to Human MAP kinase phosphatase-1 (SW:PTN7_HUMAN) [Caenorhabditis elegans]	3e-12
5218	AF035940	Homo sapiens MAGOH mRNA, complete cds	e-143	2330011	(AF007862) mm-Mago [Mus musculus] >gi 2909828 (AF035939) similar to mago nashi [Mus musculus] >gi 2909830	7e-81

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5219	Z72521	Human DNA sequence from cosmid N29F4 on chromosome 22q11.2-qter contains STS	6e-04	<NONE>	<NONE>	<NONE>
5220	S74340	{clone E572, estrogen induced gene} [rats, Sprague-Dawley, hypothalamus, mRNA Partial, 130 nt]	4e-29	<NONE>	<NONE>	<NONE>
5221	AL008711	Human DNA sequence from PAC 390N22 on chromosome Xp22.2	0.33	1184707	(U40868) folylpolyglutamate synthetase [Homo sapiens]	7.9
5222	AE000012	Mycoplasma pneumoniae section 12 of 63 of the complete genome	0.15	<NONE>	<NONE>	<NONE>
5223	D78333	Human mRNA for testis-specific TCP20, complete cds	e-113	2501141	T-COMPLEX PROTEIN 1, ZETA-LIKE SUBUNIT (TCP-1-ZETA-LIKE) (CCT-ZETA-LIKE) TCP20 [Homo sapiens]	2e-42
5224	AF042333	Oryza sativa 24-methylene lophenol C24(1)methyltransferase mRNA, complete cds	0.003	3883124	(AF082300) arabinogalactan-protein [Arabidopsis thaliana]	0.006
5225	U15426	Human anonymous mRNA sequence with CCA repeat region.	4e-06	1123105	(U42438) similar to S. cerevisiae longevity-assurance protein 1 (SP:P38703) [Caenorhabditis elegans]	0.34

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5226	AF052497	Homo sapiens clone B18 unknown mRNA	0.003	1144514	(U34781) Antho-LWamidII preprohormone [Anthopleura elegantissima] >gi 1586846 prf 2204411A preprohormone	4.3
5227	D86590	Zinnia elegans mRNA for cinnamyl alcohol dehydrogenase, partial cds	0.13	<NONE>	<NONE>	<NONE>
5228	AF081144	Rattus norvegicus CL1AA mRNA, complete cds	5e-14	1718004	TEGUMENT PROTEIN UL49 HOMOLOG herpesvirus 1] >gi 995634 (Z54206) UL49 [Bovine herpesvirus 1] >gi 2653299 gnl PI D e1187295 (AJ004801) virion protein (tegument) [Bovine herpesvirus type 1.1]	1.4
5229	M63016	Human X chromosome enhancer-like sequence.	6e-04	<NONE>	<NONE>	<NONE>
5230	L24755	Mus musculus bone morphogenetic protein (Bmp-1) mRNA, complete cds.	1.2	<NONE>	<NONE>	<NONE>
5231	<NONE>	<NONE>	<NONE>	2828280	(AL021687) putative protein [Arabidopsis thaliana] >gi 2832633 gnl PI D e1249651 (AL021711) putative protein [Arabidopsis thaliana]	9e-36

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5232	U27341	Bos taurus endothelin converting enzyme-2 Sequence 1 from patent US 5736376	1e-22	2136744	endothelin converting enzyme-2 - bovine	2e-09
5233	M81840	Human NRL gene product mRNA, complete cds.	0.030	3875740	(Z81497) similar to mannosyl-oligosaccharide alpha-1, 2-mannosidase; cDNA EST EMBL:D67155 comes from this gene; cDNA EST EMBL:D64219 comes from this gene; cDNA EST yk260e12.3 comes from this gene; cDNA EST yk260e12.5 comes f...	6e-18
5234	AJ000097	Homo sapiens mRNA for EYA1B gene	2.7	3395586	(AL031179) similarity to phosphomannomutases [Schizosaccharomyces pombe]	6e-38
5235	U30788	Rattus norvegicus Tclone4 mRNA	1e-68	3523162	(AF076292) TGF-beta/activin signal transducer FAST-1p	1.4
5236	U88964	Human HEM45 mRNA, complete cds	0.0	2062680	(U88964) HEM45 [Homo sapiens]	7e-77
5237	AF061016	Homo sapiens UDP-glucose dehydrogenase (UGDH) mRNA, complete cds	0.0	3127127	(AF061016) UDP-glucose dehydrogenase [Homo sapiens] dehydrogenase [Homo sapiens]	5e-90
5238	D43921	Mouse AZ1 mRNA for pre-acrosome localization protein, complete cds	3e-15	2137118	acrosomal protein AZ1 - mouse localization protein [Mus musculus]	0.007

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5239	AF056022	Homo sapiens p60 katanin mRNA, complete cds	0.0	3283072	(AF056022) p60 katanin [Homo sapiens]	2e-60
5240	U77949	Human Cdc6-related protein (HsCDC6) mRNA, complete cds	1e-83	<NONE>	<NONE>	<NONE>
5241	AJ005016	Homo sapiens mRNA for putative ABC transporter, partial	0.0	3005931	(AJ005016) ABC transporter [Homo sapiens]	3e-70
5242	X56756	Sheep mRNA for tumor necrosis factor alpha	4.5	<NONE>	<NONE>	<NONE>
5243	AF020833	Homo sapiens eukaryotic translation initiation factor 3 subunit (p42) mRNA, complete cds	0.0	2460200	(AF020833) eukaryotic translation initiation factor 3 subunit [Homo sapiens]	e-158
5244	X69878	H.sapiens Flt4 mRNA for transmembrane tyrosine kinase	4e-43	<NONE>	<NONE>	<NONE>
5245	M27826	Human endogenous retroviral protease mRNA, complete cds.	1e-66	<NONE>	<NONE>	<NONE>
5246	U20285	Human Gps1 (GPS1) mRNA, complete cds	2e-54	644879	(U20285) Gps1 [Homo sapiens]	8e-20
5247	AF049528	Homo sapiens huntingtin-interacting protein HYPA/FBP11 (HYPA) mRNA, partial cds	5e-75	3341990	(AF049528) huntingtin-interacting protein HYPA/FBP11	2e-20

SEQ ID	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5248	U87277	Human splicing factor SRp30c gene, exon 1	0.14	267449	HYPOTHETICAL 12.5 KD PROTEIN ZK637.2 IN CHROMOSOME III >gi 102507 pir S15787 hypothetical protein 1 (cosmid ZK637) – Caenorhabditis elegans Genefinder; cDNA EST yk217b5.3 comes from this gene; cDNA EST yk217b5.5 comes from this gene; cDNA EST yk340g12.3	1e-08
5249	D16919	Human HepG2 3' region cDNA, clone hmd3e06	e-164	3152559	(AC002986) Similarity to A. thaliana gene product F21M12.20, gb AC000132. EST gb Z25651 comes from this gene. [Arabidopsis thaliana]	2e-52
5250	AJ006064	Rattus norvegicus mRNA for coronin-like protein	e-142	3757680	(AJ006064) coronin-like protein [Rattus norvegicus]	5e-73
5251	AB011000	Mus musculus mRNA for choline/ethanolamine kinase, complete cds	1e-18	2780752	(AB006607) choline/ethanolamine kinase	0.001

	Nearest Neighbor (BlastN vs. Genbank)			Nearest Neighbor (BlastX vs. Non-Redundant Proteins)		
SEQ ID	ACCESSION	DESCRIPTION	P VALUE	ACCESSION	DESCRIPTION	P VALUE
5252	X80169	M.musculus mRNA for 200 kD protein	0.0	1717793	PROTEIN TSG24 (MEIOTIC CHECK POINT REGULATOR) >gi1083553 pir A55117 tsg24 protein - mouse	e-150

Table 3 Polynucleotides encoding gene products of a protein family or having a known functional domain(s).

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
3920	393.E10.sp6:148957	7tm_1	531	710	9520	for
2667	172.F10.sp6:133946	7tm_2	45	724	8708	rev
2758	177.C6.sp6:134733	7tm_2	41	697	9828	rev
2933	184.C7.sp6:135556	7tm_2	3	834	8987	for
3129	121.E12.sp6:131940	7tm_2	245	1324	9550	rev
3365	172.A7.sp6:133883	7tm_2	94	761	8743	rev
3418	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3419	123.F9.sp6:132333	7tm_2	203	585	8785	rev
3597	394.G2.sp6:149165	7tm_2	73	793	9209	for
3648	370.C5.sp6:141726	7tm_2	76	770	9269	for
3686	370.B1.sp6:141710	7tm_2	89	662	8791	for
3695	368.A12.sp6:141322	7tm_2	121	719	9015	rev
3696	368.A12.sp6:141322	7tm_2	121	719	9015	rev
4172	219.C10.sp6:139007	7tm_2	46	774	11394	rev
4216	368.D11.sp6:141357	7tm_2	66	775	9384	rev
4228	368.A11.sp6:141321	7tm_2	7	1079	9097	for
4441	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4442	99.F7.sp6:131296	7tm_2	534	1265	10956	rev
4482	100.D2.sp6:131459	7tm_2	122	1404	9296	rev
4495	395.B12.sp6:149307	7tm_2	79	1432	10427	rev
4525	90.B4.sp6:130874	7tm_2	4	691	9435	for
4616	100.D5.sp6:131462	7tm_2	655	1349	9255	for
4653	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4654	100.D7.sp6:131464	7tm_2	357	1346	11461	rev
4658	100.H6.sp6:131511	7tm_2	119	1035	10001	rev
4659	100.G6.sp6:131499	7tm_2	363	1188	9901	rev
4660	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4661	100.F6.sp6:131487	7tm_2	50	1127	8799	for
4710	367.H9.sp6:141210	7tm_2	143	1266	11883	rev
4755	370.F4.sp6:141761	7tm_2	78	704	8942	for
4856	367.H11.sp6:141212	7tm_2	176	1227	9975	rev
4885	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4900	123.E10.sp6:132322	7tm_2	210	691	9071	rev
4901	123.E10.sp6:132322	7tm_2	210	691	9071	rev
2656	176.H11.sp6:134606	ANK	207	290	4450	for
2555	180.C9.sp6:135947	asp	156	670	6710	for
3632	368.H11.sp6:141405	asp	136	1226	6880	rev
4205	368.B5.sp6:141327	asp	309	806	6073	for
4251	369.D6.sp6:141546	asp	434	1332	6263	rev
4253	396.F9.sp6:149544	asp	97	1106	5999	rev
4261	216.G10.sp6:139247	asp	74	703	6188	rev
4365	122.H12.sp6:132168	asp	152	1040	6183	rev
4498	80.H6.sp6:130297	asp	61	418	5944	rev
4664	172.E5.sp6:133929	asp	219	976	6434	for
4718	185.D9.sp6:135762	asp	31	872	5944	rev
4733	185.D9.sp6:135762	asp	31	872	5944	rev
4746	176.B10.sp6:134533	asp	253	1446	6079	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4822	177.F3.sp6:134766	asp	0	894	6336	rev
4854	184.F11.sp6:135596	asp	61	737	6416	rev
4856	367.H11.sp6:141212	asp	81	1187	6182	rev
4929	180.E6.sp6:135968	asp	81	706	6150	for
4931	180.E6.sp6:135968	asp	81	706	6150	for
2723	180.F2.sp6:135976	ATPases	135	627	11664	for
2842	217.H11.sp6:139452	ATPases	2	701	5972	for
3019	216.B1.sp6:139178	ATPases	170	616	6150	for
3046	121.B8.sp6:131900	ATPases	13	635	5867	rev
3190	80.D2.sp6:130245	ATPases	13	386	6068	for
3290	176.C6.sp6:134541	ATPases	85	579	5883	for
3670	369.C10.sp6:141538	ATPases	329	730	6206	for
3998	394.H8.sp6:149183	ATPases	21	571	5954	rev
4119	218.F11.sp6:138852	ATPases	313	816	6057	for
4159	219.A7.sp6:138980	ATPases	88	662	6145	for
4223	368.F9.sp6:141379	ATPases	178	648	5937	for
4384	181.G11.sp6:135354	ATPases	362	769	5900	rev
4473	369.B4.sp6:141520	ATPases	4	412	14130	for
4540	218.C8.sp6:138813	ATPases	12	576	5782	rev
4560	404.G6.sp6:162933	ATPases	86	605	6001	rev
4689	367.H8.sp6:141209	ATPases	17	476	5905	rev
4785	184.E5.sp6:135578	ATPases	184	632	5943	for
4792	184.C6.sp6:135555	ATPases	333	813	5773	for
4847	184.B11.sp6:135548	ATPases	14	498	6140	for
5041	377.C1.sp6:141918	ATPases	4	655	5933	for
3404	176.F10.sp6:134581	Bcl-2	69	356	16419	for
4036	367.F5.sp6:141182	bromodomain	40	210	8810	for
4489	369.D3.sp6:141543	bromodomain	63	230	10270	for
3408	172.E1.sp6:133925	BZIP	146	298	4066	for
3951	393.G5.sp6:148976	BZIP	116	304	5931	for
4850	172.E9.sp6:133933	BZIP	91	260	4366	for
3618	370.B12.sp6:141721	cyclin	118	324	8980	for
3895	395.G6.sp6:149361	cyclin	11	281	6930	for
4536	395.G8.sp6:149363	cyclin	12	279	5950	for
4455	99.F5.sp6:131294	Cys-protease	72	348	18479	for
4684	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4688	180.D1.sp6:135951	Cys-protease	38	992	10103	rev
4801	177.E4.sp6:134755	Cys-protease	48	326	19999	for
4659	100.G6.sp6:131499	DAG_PE_bind	605	702	6290	rev
4821	377.C8.sp6:141925	Dead_box_helic	172	828	7867	rev
5083	216.A1.sp6:139166	Dead_box_helic	44	589	26532	for
2734	177.G4.sp6:134779	EFhand	79	153	3780	for
2893	185.A1.sp6:135718	EFhand	287	358	2580	rev
3775	377.A5.sp6:141898	EFhand	477	563	3010	for
4056	367.B7.sp6:141136	EFhand	225	272	2500	rev
4152	218.B10.sp6:138803	EFhand	40	114	2640	rev
4153	218.B10.sp6:138803	EFhand	40	114	2640	rev
4154	218.C10.sp6:138815	EFhand	39	113	2640	rev
4905	393.H12.sp6:148995	EFhand	145	231	4640	for
4943	219.A9.sp6:138982	EFhand	685	750	2550	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
2849	218.B5.sp6:138798	Ets_Nterm	340	531	10400	for
2728	180.A2.sp6:135916	FNtypell	291	423	6400	rev
3018	216.C1.sp6:139190	FNtypell	501	634	6460	for
4496	218.G1.sp6:138854	FNtypell	20	141	6180	rev
4914	393.H8.sp6:148991	FNtypell	448	576	6110	for
2504	181.C3.sp6:135298	G-alpha	66	715	8084	rev
3290	176.C6.sp6:134541	G-alpha	62	690	9062	for
4288	121.B4.sp6:131896	G-alpha	46	447	21415	for
4444	217.D12.sp6:139405	G-alpha	15	702	40404	for
4562	404.B7.sp6:162874	G-alpha	120	682	8424	for
2503	180.A11.sp6:135925	helicase_C	165	479	4494	for
4469	369.C4.sp6:141532	helicase_C	559	756	3732	rev
5020	185.D12.sp6:135765	helicase_C	381	534	5000	for
4241	396.H8.sp6:149567	homeobox	80	230	5170	for
2550	180.E5.sp6:135967	mkk	342	612	5791	for
3407	172.F1.sp6:133937	mkk	94	669	5688	rev
3451	123.A2.sp6:132266	mkk	26	378	7889	for
3600	394.B3.sp6:149106	mkk	32	782	9544	for
3646	370.H4.sp6:141785	mkk	18	307	9394	for
3680	369.G11.sp6:141587	mkk	182	725	5375	for
4175	219.H10.sp6:139067	mkk	280	723	15454	for
4205	368.B5.sp6:141327	mkk	249	725	5502	for
4278	181.C9.sp6:135304	mkk	168	880	5551	rev
4322	121.F6.sp6:131946	mkk	111	730	5399	for
4777	177.E2.sp6:134753	mkk	288	636	5720	rev
4482	100.D2.sp6:131459	PDEase	849	1195	5945	for
2578	181.H11.sp6:135366	protkinase	116	710	5531	for
2712	177.G7.sp6:134782	protkinase	6	511	5445	for
2835	218.C1.sp6:138806	protkinase	127	747	5492	for
2843	218.E1.sp6:138830	protkinase	64	726	5592	rev
2971	217.F4.sp6:139421	protkinase	83	702	5818	rev
3009	217.A4.sp6:139361	protkinase	57	682	5395	rev
3084	121.E2.sp6:131930	protkinase	69	658	5593	rev
3226	100.D8.sp6:131465	protkinase	174	620	5453	for
3274	100.C3.sp6:131448	protkinase	228	736	5616	for
3356	172.B5.sp6:133893	protkinase	148	715	5381	for
3377	172.B6.sp6:133894	protkinase	119	775	5616	for
3451	123.A2.sp6:132266	protkinase	24	384	9797	for
3600	394.B3.sp6:149106	protkinase	357	780	11395	for
3635	377.G11.sp6:141976	protkinase	117	739	5992	for
3646	370.H4.sp6:141785	protkinase	24	275	8338	for
3665	370.F2.sp6:141759	protkinase	33	800	5658	for
3669	369.B10.sp6:141526	protkinase	1	482	5504	rev
3700	369.D2.sp6:141542	protkinase	28	661	5428	for
3710	369.G6.sp6:141582	protkinase	71	631	5751	for
3791	396.C11.sp6:149510	protkinase	27	709	5793	rev
3905	393.H7.sp6:148990	protkinase	88	680	5470	rev
3919	393.D10.sp6:148945	protkinase	72	594	5617	for
4044	367.G4.sp6:141193	protkinase	30	699	5439	for
4072	368.B2.sp6:141324	protkinase	44	800	5556	for

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4117	218.D11.sp6:138828	protkinase	38	781	6423	for
4175	219.H10.sp6:139067	protkinase	277	717	15720	for
4373	216.E5.sp6:139218	protkinase	115	710	5537	for
4569	100.C10.sp6:131455	protkinase	56	783	5556	rev
4755	370.F4.sp6:141761	protkinase	39	803	5635	for
4760	370.F3.sp6:141760	protkinase	188	775	5771	for
4807	184.H3.sp6:135612	protkinase	23	699	5515	for
5059	180.B5.sp6:135931	protkinase	182	671	5718	rev
5102	393.F4.sp6:148963	protkinase	28	650	5345	for
3671	369.D10.sp6:141550	ras	12	332	9802	for
3936	393.A3.sp6:148902	Thioredox	0	263	5887	rev
3927	393.F11.sp6:148970	TNFR_c6	151	261	6445	for
2956	184.E10.sp6:135583	transmembrane4	19	483	8339	rev
2981	217.E6.sp6:139411	transmembrane4	83	728	8417	for
3836	396.C9.sp6:149508	transmembrane4	300	924	9444	rev
4038	367.A6.sp6:141123	transmembrane4	32	495	8407	rev
4364	123.A1.sp6:132265	transmembrane4	1289	1548	8114	rev
4406	122.C1.sp6:132097	transmembrane4	6	535	8122	for
4431	122.E4.sp6:132124	transmembrane4	10	530	8829	for
4441	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4442	99.F7.sp6:131296	transmembrane4	613	1253	9443	rev
4653	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4654	100.D7.sp6:131464	transmembrane4	335	1207	8255	rev
4710	367.H9.sp6:141210	transmembrane4	398	1130	8352	rev
4944	180.H7.sp6:136005	transmembrane4	356	983	8356	rev
3381	176.D9.sp6:134556	trypsin	164	764	9670	rev
4684	180.D1.sp6:135951	trypsin	371	1229	10479	rev
4688	180.D1.sp6:135951	trypsin	371	1229	10479	rev
2754	177.H6.sp6:134793	WD_domain	345	437	6510	for
3046	121.B8.sp6:131900	WD_domain	98	193	6400	for
3227	100.B10.sp6:131443	WD_domain	544	642	6590	for
4243	121.A8.sp6:131888	WD_domain	93	188	6400	for
5046	185.F10.sp6:135787	WD_domain	382	480	5880	for
3129	121.E12.sp6:131940	Wnt_dev_sign	101	821	12160	rev
3173	99.G6.sp6:131307	Wnt_dev_sign	49	880	12334	rev
3390	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3391	176.C9.sp6:134544	Wnt_dev_sign	249	854	11038	rev
3656	370.G6.sp6:141775	Wnt_dev_sign	211	785	11490	rev
3836	396.C9.sp6:149508	Wnt_dev_sign	282	1017	12318	rev
4253	396.F9.sp6:149544	Wnt_dev_sign	482	1298	11217	rev
4330	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4359	123.B2.sp6:132278	Wnt_dev_sign	538	1435	11785	for
4364	123.A1.sp6:132265	Wnt_dev_sign	760	1544	12660	rev
4375	122.G10.sp6:132154	Wnt_dev_sign	29	884	11603	rev
4385	122.A2.sp6:132074	Wnt_dev_sign	94	933	12383	rev
4409	121.F12.sp6:131952	Wnt_dev_sign	9	734	11167	rev
4441	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4442	99.F7.sp6:131296	Wnt_dev_sign	560	1399	13749	rev
4535	395.F10.sp6:149353	Wnt_dev_sign	100	907	11535	rev
4586	123.A4.sp6:132268	Wnt_dev_sign	80	1122	11249	rev

SEQ ID NO:	Validation Sequence	Biological Activity (Profile)	Start	Stop	Score	Direction
4605	404.D5.sp6:162896	Wnt_dev_sign	31	816	11304	rev
4653	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4654	100.D7.sp6:131464	Wnt_dev_sign	467	1314	11882	rev
4665	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4668	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4682	177.B11.sp6:134726	Wnt_dev_sign	137	1266	12708	rev
4710	367.H9.sp6:141210	Wnt_dev_sign	692	1481	12886	rev
4718	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4724	377.D2.sp6:141931	Wnt_dev_sign	400	1227	11044	rev
4733	185.D9.sp6:135762	Wnt_dev_sign	129	890	11145	rev
4856	367.H11.sp6:141212	Wnt_dev_sign	295	1669	13366	rev
4866	377.D4.sp6:141933	Wnt_dev_sign	549	1380	14522	rev
4925	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
4959	219.B12.sp6:138997	Wnt_dev_sign	312	1214	13188	rev
3409	172.D1.sp6:133913	Y_phosphatase	476	804	6932	for
3418	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3419	123.F9.sp6:132333	Y_phosphatase	28	439	6096	rev
3657	370.H6.sp6:141787	Y_phosphatase	148	554	6481	for
3804	404.B10.sp6:162877	Y_phosphatase	104	466	6446	rev
3806	404.D10.sp6:162901	Y_phosphatase	9	614	6516	for
3974	395.F2.sp6:149345	Y_phosphatase	164	645	6093	rev
4238	121.E9.sp6:131937	Y_phosphatase	240	777	6147	rev
4263	216.F10.sp6:139235	Y_phosphatase	21	504	6342	for
4343	122.E9.sp6:132129	Y_phosphatase	381	807	6036	rev
4363	123.B1.sp6:132277	Y_phosphatase	61	510	6229	rev
4434	219.F4.sp6:139037	Y_phosphatase	2	261	10353	for
4473	369.B4.sp6:141520	Y_phosphatase	231	768	6110	rev
4629	404.E11.sp6:162914	Y_phosphatase	580	920	6005	rev
5094	217.A3.sp6:139360	Y_phosphatase	263	622	6222	rev
2738	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2760	177.A6.sp6:134709	Zincfing_C2H2	65	127	4380	for
2832	218.B2.sp6:138795	Zincfing_C2H2	94	156	4940	for
3736	377.H8.sp6:141985	Zincfing_C2H2	495	557	4850	for
3762	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
3763	377.G2.sp6:141967	Zincfing_C2H2	52	114	4380	for
4794	377.G4.sp6:141969	Zincfing_C2H2	247	308	3930	for
5090	185.C4.sp6:135745	Zincfing_C2H2	238	300	4540	for
3774	377.E4.sp6:141945	Zincfing_C3HC4	128	244	9335	for
4477	181.E3.sp6:135322	Zincfing_C3HC4	321	445	8221	for

Table 19. Polynucleotides Specifically Expressed in Colon

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
3	RTA00000197AF.e.24.1	39250	2	0	0	0	0	0	0	0
7	RTA00000197AR.e.12.1	22095	1	0	0	0	0	0	0	0
16	RTA00000196AF.e.16.1	39252	2	0	0	0	0	0	0	0
18	RTA00000196AF.c.17.1	39602	2	0	0	0	0	0	0	0
21	RTA00000131A.g.19.2	36535	2	0	0	0	0	0	0	0
22	RTA00000187AR.o.10.2	8984	4	3	0	0	0	2	0	0
23	RTA00000198R.b.08.1	22636	3	0	0	0	0	0	0	0
26	RTA00000200R.g.09.1	22785	3	0	0	0	0	0	0	0
29	RTA00000200AF.b.19.1	22847	3	0	0	0	0	0	0	0
31	RTA00000200F.m.15.1	22601	3	0	0	0	1	0	0	0
37	RTA00000181AF.n.15.2	86128	1	0	0	0	0	0	0	0
38	RTA00000196R.k.07.1	22443	2	0	0	0	0	0	0	1
40	RTA00000200AR.e.02.1	36059	2	0	0	0	1	1	1	0
48	RTA00000177AR.a.23.5	6995	4	2	0	0	0	0	0	0
49	RTA00000198R.o.05.1	26702	2	0	0	0	0	0	0	0
50	RTA00000201R.a.02.1	35362	2	0	0	0	0	0	0	0
61	RTA00000197AF.h.11.1	22264	3	0	0	0	0	0	0	0
66	RTA00000199F.c.09.2	16824	3	1	0	0	0	0	0	0
75	RTA00000180AR.h.19.2	84182	1	0	0	0	0	0	0	0
78	RTA00000199R.f.09.1	22907	3	0	0	0	0	0	0	0
79	RTA00000199AF.p.4.1	10282	3	3	0	0	0	0	0	0
85	RTA00000200R.o.03.1	22807	3	0	0	0	0	0	0	0
86	RTA00000189AF.l.22.1	33333	1	1	0	0	0	0	0	0
87	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
92	RTA00000198AF.j.18.1	22759	3	0	0	0	0	0	0	0
95	RTA00000180AF.g.3.1	9024	5	2	0	0	0	0	0	0
102	RTA00000199R.j.08.1	37844	2	0	0	0	0	0	0	0
103	RTA00000199F.e.10.1	22906	3	0	0	0	0	0	1	0
105	RTA00000179AF.g.12.3	36390	2	0	0	0	0	0	0	0
108	RTA00000183AR.h.23.2	18957	3	0	0	0	0	0	0	0
109	RTA00000197AF.d.12.1	39546	2	0	0	0	0	0	0	0
116	RTA00000181AR.k.24.3	7005	8	2	0	0	0	0	0	0
119	RTA00000181AR.k.24.2	7005	8	2	0	0	0	0	0	0
124	RTA00000199AR.m.06.1	19122	3	0	0	0	0	0	0	0
129	RTA00000134A.d.10.1	18957	3	0	0	0	0	0	0	0
137	RTA00000181AF.m.4.3	13238	4	1	0	0	0	0	0	0
141	RTA00000196AF.c.6.1	23148	3	0	0	0	0	0	0	0
142	RTA00000198AF.k.19.1	75879	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
143	RTA00000199R.h.09.1	76020	1	0	0	0	0	0	0	0
144	RTA00000198AF.o.18.1	13018	4	0	0	0	1	0	0	0
148	RTA00000199F.h.17.2	36254	2	0	0	0	0	0	0	0
149	RTA00000181AR.h.06.3	87226	1	0	0	0	0	0	0	0
166	RTA00000198AF.f.21.1	22676	3	0	0	0	0	0	0	0
173	RTA00000200AR.b.07.1	17125	4	0	0	0	0	0	0	0
178	RTA00000200F.o.03.1	22807	3	0	0	0	0	0	0	0
180	RTA00000199AF.j.12.1	22461	3	0	0	0	0	0	0	0
185	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
194	RTA00000200R.k.01.1	40049	2	0	0	0	0	0	0	0
195	RTA00000198AF.c.10.1	77149	1	0	0	0	0	0	0	0
198	RTA00000197AR.e.07.1	86969	1	0	0	0	0	0	0	0
199	RTA00000199R.c.09.1	16824	3	1	0	0	0	0	0	0
206	RTA00000181AF.o.04.2	22205	3	0	0	0	0	0	0	0
207	RTA00000199AF.l.19.1	22460	3	0	0	0	0	0	0	0
208	RTA00000198AF.h.22.1	22366	2	1	0	0	0	0	0	0
211	RTA00000199AF.m.15.1	10101	3	0	0	0	0	0	0	0
212	RTA00000197AF.j.9.1	13236	4	1	0	0	0	0	0	0
230	RTA00000185AR.b.18.1	12171	3	2	0	0	0	0	0	0
235	RTA00000201AF.a.02.1	35362	2	0	0	0	0	0	0	0
236	RTA00000183AR.h.23.1	18957	3	0	0	0	0	0	0	0
238	RTA00000187AR.k.12.1	78415	1	0	0	0	0	0	0	0
242	RTA00000198AF.m.17.1	77992	1	0	0	0	0	0	0	0
243	RTA00000181AF.m.15.3	12081	4	0	0	0	0	0	0	0
248	RTA00000198R.c.14.1	39814	2	0	0	0	0	0	0	0
249	RTA00000200R.o.03.2	22807	3	0	0	0	0	0	0	0
251	RTA00000192AF.n.13.1	8210	2	6	0	0	0	0	0	0
256	RTA00000184AR.e.15.1	16347	4	0	0	0	0	0	0	0
260	RTA00000198R.m.17.1	77992	1	0	0	0	0	0	0	0
270	RTA00000178R.l.08.1	39648	2	0	0	0	0	0	0	0
278	RTA00000198AF.p.16.1	71877	1	0	0	0	0	0	0	0
280	RTA00000193AF.b.18.1	7542	8	0	0	2	1	0	1	0
284	RTA00000199F.d.10.2	22049	3	0	0	0	0	0	0	0
287	RTA00000200AF.b.07.1	17125	4	0	0	0	0	0	0	0
288	RTA00000181AR.i.06.3	19119	3	0	0	0	0	0	0	0
289	RTA00000196F.k.07.1	22443	2	0	0	0	0	0	0	1
294	RTA00000198AF.k.23.1	8995	2	5	0	0	0	0	0	0
296	RTA00000196AF.f.20.1	22774	3	0	0	0	0	0	0	0
300	RTA00000195AF.c.12.1	37582	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
302	RTA00000186AF.d.1.2	40044	2	0	0	1	0	0	0	0
307	RTA00000200F.n.05.2	18989	3	0	0	0	0	0	0	0
308	RTA00000178AF.j.20.1	15066	4	0	0	0	0	0	0	0
310	RTA00000188AF.m.08.1	22155	3	0	0	0	0	0	0	0
315	RTA00000199R.d.23.1	37477	2	0	0	0	0	0	0	0
319	RTA00000200F.n.05.1	18989	3	0	0	0	0	0	0	0
320	RTA00000196AF.m.13.1	16290	4	0	0	0	0	0	0	0
325	RTA00000182AF.d.18.4	37435	2	0	0	0	0	0	0	0
328	RTA00000200AF.g.09.1	22785	3	0	0	0	0	0	0	0
330	RTA00000177AR.m.17.4	14391	3	1	0	0	0	0	0	0
331	RTA00000197AR.c.20.1	16282	4	0	0	0	0	0	0	0
337	RTA00000177AR.m.17.3	14391	3	1	0	0	0	0	0	0
342	RTA00000196AF.d.10.1	22256	3	0	0	0	0	0	0	0
343	RTA00000201F.a.18.1	16837	2	2	0	0	0	0	0	0
344	RTA00000198AF.o.02.1	68756	1	0	0	0	0	0	0	0
345	RTA00000187AF.h.21.1	39171	2	0	0	0	0	0	0	0
347	RTA00000199F.b.03.2	38340	2	0	0	0	0	0	0	0
358	RTA00000198AF.g.7.1	13386	3	2	0	0	0	0	0	0
362	RTA00000197AR.c.24.1	82498	1	0	0	0	0	0	0	0
371	RTA00000197F.e.7.1	86969	1	0	0	0	0	0	0	0
378	RTA00000181AF.k.24.3	7005	8	2	0	0	0	0	0	0
382	RTA00000200AF.j.6.1	22902	3	0	0	0	0	0	0	0
384	RTA00000196AF.h.17.1	39215	2	0	0	0	0	0	0	0
392	RTA00000185AF.b.11.2	9024	5	2	0	0	0	0	0	0
397	RTA00000198AF.b.22.1	38956	2	0	0	0	0	0	0	0
399	RTA00000186AF.m.15.2	40122	2	0	0	0	0	0	0	0
406	RTA00000199F.f.09.2	22907	3	0	0	0	0	0	0	0
408	RTA00000183AR.l.15.1	39383	2	0	0	0	0	0	0	0
413	RTA00000200F.a.12.1	16751	4	0	0	0	0	0	0	0
416	RTA00000199F.a.5.1	22134	3	0	0	0	0	0	0	0
418	RTA00000187AR.k.01.1	78356	1	0	0	0	0	0	0	0
424	RTA00000187AR.j.24.1	78356	1	0	0	0	0	0	0	0
426	RTA00000199AF.o.19.1	36927	2	0	0	0	0	0	0	0
429	RTA00000196F.i.19.1	39498	2	0	0	0	0	0	0	0
430	RTA00000198R.k.23.1	8995	2	5	0	0	0	0	0	0
432	RTA00000198AF.o.05.1	26702	2	0	0	0	0	0	0	0
433	RTA00000198R.j.18.1	22759	3	0	0	0	0	0	0	0
435	RTA00000182AR.c.22.1	16283	3	0	0	0	0	0	0	0
438	RTA00000180AR.g.03.4	9024	5	2	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
451	RTA00000200AF.b.20.1	40403	2	0	0	0	0	0	0	0
455	RTA00000198AF.d.12.1	21142	2	1	0	0	0	0	0	0
456	RTA00000200AF.b.12.1	22053	3	0	0	0	0	0	0	0
457	RTA00000191AR.l.7.2	14391	3	1	0	0	0	0	0	0
461	RTA00000190AF.e.13.1	38961	2	0	0	0	0	0	0	0
462	RTA00000196AF.n.17.1	12477	4	1	0	0	0	0	0	0
467	RTA00000195AF.b.19.1	77678	1	0	0	0	0	0	0	0
475	RTA00000187AR.m.3.3	17055	4	0	0	0	0	0	0	0
476	RTA00000200R.g.15.1	22898	3	0	0	0	0	0	0	0
482	RTA00000187AF.j.7.1	78091	1	0	0	0	0	0	0	0
485	RTA00000196AF.c.14.1	23105	3	0	0	0	0	0	0	0
486	RTA00000190AR.p.22.2	16368	4	0	0	0	0	0	0	0
492	RTA00000198AF.b.8.1	22636	3	0	0	0	0	0	0	0
493	RTA00000177AF.m.17.1	14391	3	1	0	0	0	0	0	0
494	RTA00000200AF.k.1.1	40049	2	0	0	0	0	0	0	0
498	RTA00000190AF.h.12.1	12977	5	0	0	0	0	0	0	0
499	RTA00000199F.b.22.2	17018	4	0	0	0	0	0	0	0
508	RTA00000187AF.i.14.2	19406	2	1	0	0	0	0	0	0
511	RTA00000196AF.g.10.1	12498	3	1	1	0	0	0	0	0
517	RTA00000184AF.e.14.1	16347	4	0	0	0	0	0	0	0
522	RTA00000178AR.h.17.2	23824	2	1	0	0	0	0	0	0
531	RTA00000195F.a.3.1	27179	2	0	0	0	0	0	0	0
544	RTA00000196F.j.13.1	23170	3	0	0	0	0	0	0	0
547	RTA00000196AF.g.8.1	39665	2	0	0	0	0	0	0	0
549	RTA00000198AF.c.16.1	26801	2	0	0	0	0	0	0	0
553	RTA00000201F.b.22.1	35728	2	0	0	0	0	0	0	1
559	RTA00000197AF.p.20.1	22795	3	0	0	0	0	0	0	0
563	RTA00000192AR.o.16.2	9061	5	2	0	0	0	0	0	0
565	RTA00000191AF.c.10.1	40422	2	0	0	0	0	0	0	0
568	RTA00000196AF.p.01.2	87143	1	0	0	0	0	0	0	0
578	RTA00000180AF.g.17.1	16653	3	1	0	0	0	0	0	0
583	RTA00000190AR.h.12.2	12977	5	0	0	0	0	0	0	0
585	RTA00000198AF.n.18.1	16715	3	1	0	0	0	0	0	0
586	RTA00000199R.o.11.1	23172	3	0	0	0	0	0	0	0
588	RTA00000191AF.b.4.1	14936	3	0	0	0	0	0	0	0
589	RTA00000192AF.l.1.1	16392	3	0	0	0	0	0	0	0
593	RTA00000196R.c.14.2	23105	3	0	0	0	0	0	0	0
595	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
602	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
612	RTA00000197AR.e.22.1	78758	1	0	0	0	0	0	0	0
615	RTA00000197R.p.20.1	22795	3	0	0	0	0	0	0	0
618	RTA00000192AF.a.14.1	6874	6	3	0	0	1	0	0	0
623	RTA00000198R.b.24.1	19047	3	0	0	0	0	0	0	0
627	RTA00000199F.h.15.2	22269	3	0	0	0	0	0	0	0
628	RTA00000198AF.g.16.1	6602	1	1	0	0	0	0	0	0
634	RTA00000192AF.j.6.1	11494	4	0	0	0	0	0	0	0
635	RTA00000181AF.p.7.3	38773	2	0	0	0	0	0	0	0
637	RTA00000200AF.g.15.1	22898	3	0	0	0	0	0	0	0
643	RTA00000184AF.c.9.1	16245	4	0	0	0	0	0	0	0
645	RTA00000177AF.k.9.1	16245	4	0	0	0	0	0	0	0
649	RTA00000190AR.l.19.2	88204	1	0	0	0	0	0	0	0
662	RTA00000201R.a.15.1	57347	1	0	0	0	0	0	0	0
664	RTA00000195R.a.23.1	86432	1	0	0	0	0	0	0	0
670	RTA00000186AF.p.17.3	38383	2	0	0	0	0	0	0	0
674	RTA00000197AR.e.24.1	39250	2	0	0	0	0	0	0	0
683	RTA00000187AR.j.01.1	79028	1	0	0	0	0	0	0	0
686	RTA00000201F.f.07.1	51116	1	0	0	0	0	0	0	0
694	RTA00000201R.c.19.1	22357	2	1	0	0	0	0	0	0
702	RTA00000177AR.b.8.5	17062	3	0	0	0	0	0	0	0
712	RTA00000201F.b.21.1	9071	3	4	0	0	0	0	0	0
717	RTA00000200F.o.10.2	36432	2	0	0	0	0	0	0	0
718	RTA00000196F.l.14.2	23144	3	0	0	0	0	0	0	0
725	RTA00000197AF.b.1.1	12134	1	1	0	0	0	0	0	0
733	RTA00000200AF.d.20.1	26600	2	0	0	0	0	0	0	0
743	RTA00000178AF.k.9.1	16342	3	0	0	0	0	0	0	0
748	RTA00000198AF.b.24.1	19047	3	0	0	0	0	0	0	0
757	RTA00000406F.d.16.1	15040	2	2	0	0	0	0	0	0
760	RTA00000408F.o.12.2	78578	1	0	0	0	0	0	0	0
761	RTA00000119A.j.15.1	79623	1	0	0	0	0	0	0	0
762	RTA00000413F.d.12.1	66467	1	0	0	0	0	0	0	0
763	RTA00000423F.i.12.1	9118	4	3	0	0	0	0	0	0
766	RTA00000411F.k.05.1	64777	1	0	0	0	0	0	0	0
769	RTA00000419F.b.09.1	78128	1	0	0	0	0	0	0	0
772	RTA00000411F.m.15.1	78014	1	0	0	0	0	0	0	0
774	RTA00000123A.k.23.1	80313	1	0	0	0	0	0	0	0
777	RTA00000130A.m.15.1	81630	1	0	0	0	0	0	0	0
778	RTA00000411F.k.20.1	64973	1	0	0	0	0	0	0	0
780	RTA00000418F.k.05.1	73021	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
781	RTA00000423F.h.18.1	37972	2	0	0	0	0	0	0	0
783	RTA00000422F.p.06.2	39282	2	0	0	0	0	0	0	0
784	RTA00000404F.n.16.2	39095	2	0	0	0	0	0	0	0
785	RTA00000411F.m.24.1	77568	1	0	0	0	0	0	0	0
786	RTA00000134A.j.10.1	81383	1	0	0	0	0	0	0	0
787	RTA00000409F.j.02.1	76417	1	0	0	0	0	0	0	0
788	RTA00000403F.j.15.1	23840	2	1	0	0	0	0	0	0
789	RTA00000411F.n.11.1	77276	1	0	0	0	0	0	0	0
790	RTA00000339F.i.13.1	5970	6	4	0	0	0	0	0	0
792	RTA00000406F.o.15.1	37482	2	0	0	0	0	0	0	0
793	RTA00000412F.g.04.2	64457	1	0	0	0	0	0	0	0
795	RTA00000352R.l.06.1	40343	2	0	0	0	0	0	0	0
796	RTA00000419F.b.12.1	63148	1	0	0	0	0	0	0	0
797	RTA00000423F.k.17.2	37512	2	0	0	0	0	0	0	0
799	RTA00000418F.k.14.1	76133	1	0	0	0	0	1	0	0
800	RTA00000409F.l.12.1	26755	1	0	0	0	0	0	0	0
801	RTA00000404F.c.20.1	39088	2	0	0	0	0	0	1	0
802	RTA00000423F.g.09.1	38958	2	0	0	0	0	0	0	0
804	RTA00000406F.d.12.1	38575	2	0	0	0	0	0	0	0
805	RTA00000411F.f.02.1	63386	1	0	0	0	0	0	0	0
806	RTA00000129A.n.21.1	79381	1	0	0	0	0	0	0	0
807	RTA00000409F.m.12.1	73490	1	0	0	0	0	0	0	0
808	RTA00000410F.c.04.1	74099	1	0	0	0	0	0	0	0
810	RTA00000406F.m.09.1	26891	2	0	0	0	0	0	0	0
811	RTA00000411F.b.06.1	77884	1	0	0	0	0	0	0	0
812	RTA00000409F.l.21.1	73143	1	0	0	0	0	0	0	0
818	RTA00000404F.l.20.2	38638	2	0	0	0	0	0	0	0
819	RTA00000413F.d.18.1	65305	1	0	0	0	0	0	0	0
820	RTA00000404F.p.04.2	39069	2	0	0	0	0	0	0	0
821	RTA00000405F.g.19.2	37150	2	0	0	0	0	0	0	0
822	RTA00000409F.a.22.1	75200	1	0	0	0	0	0	0	0
824	RTA00000405F.o.18.1	11016	4	2	0	0	0	0	0	0
829	RTA00000408F.e.22.2	26930	1	0	0	0	0	0	0	0
831	RTA00000413F.d.16.1	63331	1	0	0	0	0	0	0	0
834	RTA00000419F.g.08.1	66700	1	0	0	0	0	0	0	0
835	RTA00000122A.g.16.1	81366	1	0	0	0	0	0	0	0
836	RTA00000419F.c.16.1	65254	1	0	0	0	0	0	0	0
837	RTA00000411F.b.03.1	23634	1	2	0	0	0	0	0	0
842	RTA00000403F.l.20.1	18267	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
845	RTA00000411F.a.02.1	78537	1	0	0	0	0	0	0	0
847	RTA00000412F.l.04.1	66372	1	0	0	0	0	0	0	0
849	RTA00000406F.a.23.1	38712	2	0	0	0	0	0	0	0
851	RTA00000120A.n.19.3	80004	1	0	0	0	0	0	0	0
852	RTA00000403F.e.01.1	38965	2	0	0	0	0	0	0	0
853	RTA00000411F.l.03.1	62702	1	0	0	0	0	0	0	0
856	RTA00000121A.m.2.1	81064	1	0	0	0	0	0	0	0
858	RTA00000418F.j.12.1	73316	1	0	0	0	0	0	0	0
862	RTA00000125A.g.16.1	21497	2	1	0	0	0	0	0	0
863	RTA00000418F.o.18.1	78676	1	0	0	0	0	0	0	0
865	RTA00000408F.k.14.1	73856	1	0	0	0	0	0	0	0
871	RTA00000403F.o.15.1	39140	2	0	0	0	0	0	0	0
872	RTA00000341F.m.13.1	26502	1	0	0	0	0	0	0	0
873	RTA00000408F.h.03.1	78382	1	0	0	0	0	0	0	0
874	RTA00000423F.k.05.1	37472	2	0	0	0	0	0	0	0
876	RTA00000418F.p.19.1	78544	1	0	0	0	0	0	0	0
877	RTA00000420F.f.06.1	64812	1	0	0	0	0	0	0	0
878	RTA00000122A.j.18.1	81317	1	0	0	0	0	0	0	0
879	RTA00000420F.d.05.1	64432	1	0	0	0	0	0	0	0
880	RTA00000403F.m.18.1	39185	2	0	0	0	0	0	0	0
882	RTA00000411F.j.05.1	40709	1	1	0	0	0	0	0	0
883	RTA00000403F.a.04.1	23529	2	1	0	0	0	0	0	0
885	RTA00000406F.f.12.1	21895	2	1	0	0	0	0	0	0
886	RTA00000418F.g.22.1	74837	1	0	0	0	0	0	0	0
888	RTA00000404F.l.20.1	38638	2	0	0	0	0	0	0	0
889	RTA00000408F.i.08.2	75811	1	0	0	0	0	0	0	0
890	RTA00000122A.d.5.1	81155	1	0	0	0	0	0	0	0
894	RTA00000419F.b.19.1	65534	1	0	0	0	0	0	0	0
896	RTA00000418F.k.19.1	74932	1	0	0	0	0	0	0	0
900	RTA00000419F.g.12.1	66171	1	0	0	0	0	0	0	0
901	RTA00000404F.n.11.2	38001	2	0	0	0	0	0	0	0
904	RTA00000419F.o.24.1	65092	1	0	0	0	0	0	0	0
905	RTA00000419F.k.19.1	75447	1	0	0	0	0	0	0	0
907	RTA00000127A.i.20.1	81418	1	0	0	0	0	0	0	0
908	RTA00000422F.g.22.1	22561	3	0	0	0	0	0	0	0
910	RTA00000413F.h.13.1	65190	1	0	0	0	0	0	0	0
913	RTA00000348R.j.16.1	7005	8	2	0	0	0	0	0	0
916	RTA00000418F.n.22.1	79062	1	0	0	0	0	0	0	0
917	RTA00000406F.l.08.1	39016	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
920	RTA00000409F.j.07.1	75190	1	0	0	0	0	0	0	0
923	RTA00000411F.e.22.1	63638	1	0	0	0	0	0	0	0
924	RTA00000347F.a.17.1	16723	3	1	0	0	0	0	0	0
926	RTA00000404F.n.20.1	26865	2	0	0	0	0	0	0	0
929	RTA00000404F.b.02.1	38984	2	0	0	0	0	0	0	0
931	RTA00000403F.b.10.1	73268	1	0	0	0	0	0	0	0
932	RTA00000406F.i.12.1	39080	2	0	0	0	0	0	0	0
933	RTA00000406F.h.08.1	16228	2	2	0	0	0	0	0	0
934	RTA00000418F.i.19.1	79180	1	0	0	0	0	0	0	0
936	RTA00000412F.h.21.1	64348	1	0	0	0	0	0	0	0
938	RTA00000120A.g.18.1	81255	1	0	0	0	0	0	0	0
940	RTA00000423F.j.05.1	37958	2	0	0	0	0	0	0	0
941	RTA00000132A.k.6.1	81284	1	0	0	0	0	0	0	0
943	RTA00000406F.p.04.1	37458	2	0	0	0	0	0	0	0
944	RTA00000347F.a.13.1	22446	3	0	0	0	0	0	0	0
945	RTA00000419F.p.23.1	64748	1	0	0	0	0	0	0	0
946	RTA00000419F.d.17.1	64353	1	0	0	0	0	0	0	0
949	RTA00000124A.k.5.1	80252	1	0	0	0	0	0	0	0
950	RTA00000404F.h.22.1	18735	2	1	0	0	0	0	1	0
952	RTA00000410F.o.05.1	75262	1	0	0	0	0	0	0	0
953	RTA00000339R.l.14.1	19119	3	0	0	0	0	0	0	0
954	RTA00000403F.m.13.2	39077	2	0	0	0	0	0	0	0
957	RTA00000419F.g.22.1	64515	1	0	0	0	0	0	0	0
958	RTA00000404F.g.21.1	37947	2	0	0	0	0	0	0	0
960	RTA00000138A.n.4.1	21920	2	1	0	0	0	0	0	0
961	RTA00000410F.b.15.1	77100	1	0	0	0	0	0	0	0
963	RTA00000419F.j.23.1	74470	1	0	0	0	0	0	0	0
964	RTA00000411F.j.02.1	65310	1	0	0	0	0	0	0	0
965	RTA00000419F.p.24.1	63477	1	0	0	0	0	0	0	0
966	RTA00000404F.a.19.1	38624	2	0	0	0	0	0	0	0
973	RTA00000346F.e.13.1	74653	1	0	0	0	0	0	0	0
974	RTA00000419F.c.18.1	41394	1	1	0	0	0	0	0	0
978	RTA00000404F.e.22.1	11344	3	3	0	0	0	0	0	0
981	RTA00000125A.k.10.1	81644	1	0	0	0	0	0	0	0
982	RTA00000347F.c.06.1	18846	2	1	0	0	0	0	0	0
983	RTA00000411F.k.19.1	64200	1	0	0	0	0	0	0	0
984	RTA00000345F.i.09.1	27250	2	0	0	0	0	0	0	0
985	RTA00000423F.k.01.1	40426	2	0	0	0	0	0	0	0
986	RTA00000408F.d.06.1	78997	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
987	RTA00000128A.b.20.1	79761	1	0	0	0	0	0	0	0
989	RTA00000195AF.d.4.1	22766	3	0	0	0	0	0	0	0
991	RTA00000403F.h.12.1	15205	2	1	0	0	0	0	0	0
992	RTA00000119A.j.22.1	80336	1	0	0	0	0	0	0	0
995	RTA00000126A.n.7.2	79557	1	0	0	1	0	0	0	0
997	RTA00000404F.j.08.1	39066	2	0	0	0	0	0	0	0
998	RTA00000410F.c.14.1	77809	1	0	0	0	0	0	0	0
999	RTA00000120A.g.23.1	81189	1	0	0	0	0	0	0	0
1000	RTA00000195AF.d.20.1	37574	2	0	0	0	0	0	0	0
1002	RTA00000412F.j.17.1	64071	1	0	0	0	0	0	0	0
1004	RTA00000119A.j.10.1	79646	1	0	0	0	0	0	0	0
1010	RTA00000419F.o.16.1	62867	1	0	0	0	0	0	0	0
1012	RTA00000411F.c.17.1	77664	1	0	0	0	0	0	0	0
1013	RTA00000406F.k.15.1	38549	2	0	0	0	0	0	0	0
1014	RTA00000406F.a.02.1	37744	2	0	0	0	0	0	0	0
1016	RTA00000341F.b.06.1	17008	4	0	0	0	0	0	0	0
1017	RTA00000409F.n.14.1	78190	1	0	0	0	0	0	0	0
1019	RTA00000345F.j.08.1	16731	3	1	0	0	0	0	0	0
1021	RTA00000419F.g.15.1	32519	1	1	0	0	0	0	0	0
1022	RTA00000423F.a.19.1	21396	1	2	0	0	0	0	0	0
1024	RTA00000422F.e.08.1	39020	2	0	0	0	0	0	0	0
1025	RTA00000411F.d.15.1	74890	1	0	0	0	0	0	0	0
1027	RTA00000411F.l.15.1	66704	1	0	0	0	0	0	0	0
1029	RTA00000405F.e.08.1	37916	2	0	0	0	1	0	0	0
1030	RTA00000353R.j.24.1	23089	3	0	0	0	0	0	0	0
1032	RTA00000418F.o.06.1	75930	1	0	0	0	0	0	0	0
1033	RTA00000404F.c.10.1	23534	2	1	0	0	0	0	0	0
1034	RTA00000418F.i.21.1	78728	1	0	0	0	0	0	0	0
1036	RTA00000411F.l.13.1	43114	1	1	0	0	0	0	0	0
1037	RTA00000407F.a.24.1	37560	2	0	0	0	0	0	0	0
1038	RTA00000346F.n.06.1	12439	4	0	0	0	0	0	0	0
1039	RTA00000412F.l.21.1	65183	1	0	0	0	0	0	0	0
1040	RTA00000413F.i.02.1	65857	1	0	0	0	0	0	0	0
1041	RTA00000404F.i.19.1	38698	2	0	0	0	0	0	0	0
1043	RTA00000403F.a.11.1	73109	1	0	0	0	0	0	0	0
1045	RTA00000411F.k.16.1	64759	1	0	0	0	0	0	1	0
1046	RTA00000405F.c.01.1	19236	2	0	0	0	0	0	0	0
1047	RTA00000423F.i.18.1	14996	4	0	0	0	0	0	0	0
1050	RTA00000406F.a.07.1	26607	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1051	RTA00000347F.d.06.1	39122	2	0	0	0	0	0	0	0
1052	RTA00000419F.b.18.1	67034	1	0	0	0	0	0	0	0
1053	RTA00000406F.h.07.1	38003	2	0	0	0	0	0	0	0
1054	RTA00000405F.l.15.1	19575	2	1	0	0	0	0	0	0
1055	RTA00000406F.g.17.1	37979	2	0	0	0	0	0	0	0
1058	RTA00000130A.h.22.1	80933	1	0	0	0	0	0	0	0
1061	RTA00000404F.d.13.1	39036	2	0	0	0	0	0	0	0
1064	RTA00000340F.n.01.1	39081	2	0	0	0	0	0	0	0
1065	RTA00000419F.d.06.1	65496	1	0	0	0	0	0	0	0
1066	RTA00000419F.n.09.1	66070	1	0	0	0	0	0	0	0
1067	RTA00000399F.i.08.1	38927	2	0	0	0	0	0	0	0
1069	RTA00000423F.g.13.1	38028	2	0	0	0	0	0	0	0
1072	RTA00000195AF.b.21.1	39055	2	0	0	0	0	0	0	0
1073	RTA00000403F.h.05.1	39096	2	0	0	0	0	0	0	0
1075	RTA00000422F.p.07.2	39024	2	0	0	1	0	0	0	0
1078	RTA00000421F.n.19.1	16409	3	1	0	0	0	0	0	0
1080	RTA00000345F.k.21.1	40204	2	0	0	0	0	0	0	0
1082	RTA00000405F.a.11.1	39124	2	0	0	0	0	0	0	0
1084	RTA00000413F.e.16.1	63836	1	0	0	0	0	0	0	0
1086	RTA00000404F.o.18.2	39110	2	0	0	0	0	0	0	0
1087	RTA00000409F.i.24.1	76967	1	0	0	0	0	0	0	0
1091	RTA00000340F.n.13.1	17055	4	0	0	0	0	0	0	0
1092	RTA00000340F.p.04.1	78533	1	0	0	0	0	0	0	0
1093	RTA00000411F.c.05.1	73368	1	0	0	0	0	0	0	0
1097	RTA00000404F.i.02.1	39015	2	0	0	0	0	0	0	0
1099	RTA00000403F.m.15.2	26901	2	0	0	0	0	0	0	0
1100	RTA00000412F.h.23.2	65118	1	0	0	0	0	0	0	0
1101	RTA00000418F.j.08.1	73382	1	0	0	0	0	0	0	0
1102	RTA00000125A.n.4.1	81984	1	0	0	0	0	0	0	0
1103	RTA00000412F.l.19.1	65825	1	0	0	0	0	0	0	0
1105	RTA00000129A.p.3.1	32644	1	1	0	0	0	0	0	0
1106	RTA00000340F.p.20.1	17008	4	0	0	0	0	0	0	0
1107	RTA00000411F.a.10.1	73073	1	0	0	0	0	0	0	0
1108	RTA00000409F.n.17.1	76725	1	0	0	0	0	0	0	0
1109	RTA00000404F.c.03.2	39198	2	0	0	0	0	0	0	0
1110	RTA00000420F.a.19.1	34192	1	1	0	0	0	0	0	0
1114	RTA00000420F.d.12.1	64095	1	0	0	0	0	0	0	0
1115	RTA00000409F.j.19.1	73792	1	0	0	0	0	0	0	0
1116	RTA00000422F.d.16.1	39133	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1117	RTA00000418F.m.16.1	74986	1	0	0	0	0	0	0	0
1118	RTA00000405F.c.11.1	39068	2	0	0	0	0	0	0	0
1119	RTA00000404F.k.22.1	39084	2	0	0	0	0	0	0	0
1120	RTA00000418F.k.07.1	75067	1	0	0	0	0	0	0	0
1121	RTA00000403F.c.10.1	75261	1	0	0	0	0	0	0	0
1124	RTA00000410F.m.05.1	74964	1	0	0	0	0	0	0	0
1125	RTA00000405F.i.20.1	38532	2	0	0	0	0	0	0	0
1127	RTA00000408F.p.24.1	74286	1	0	0	0	0	0	0	0
1128	RTA00000418F.k.18.1	75385	1	0	0	0	0	0	0	0
1129	RTA00000422F.m.04.1	38702	2	0	0	0	0	0	0	0
1133	RTA00000403F.a.07.1	73559	1	0	0	0	0	0	0	0
1135	RTA00000403F.b.19.1	22327	2	1	0	0	0	0	0	0
1136	RTA00000418F.m.23.1	77195	1	0	0	0	0	0	0	0
1138	RTA00000404F.i.18.1	21912	2	1	0	0	0	0	0	0
1139	RTA00000422F.i.14.1	39300	2	0	0	0	0	0	0	0
1140	RTA00000418F.m.14.1	75711	1	0	0	1	0	0	0	0
1141	RTA00000406F.o.12.1	37459	2	0	0	0	0	0	0	0
1143	RTA00000411F.a.07.1	74547	1	0	0	0	0	0	0	0
1144	RTA00000411F.c.02.1	72852	1	0	0	0	0	0	0	0
1146	RTA000004130A.h.16.1	80761	1	0	0	0	0	0	0	0
1147	RTA00000410F.p.23.1	73948	1	0	0	0	0	0	0	0
1148	RTA00000418F.m.24.1	77114	1	0	0	0	0	0	0	0
1150	RTA00000408F.j.19.2	73752	1	0	0	0	0	0	0	0
1152	RTA000004118A.d.17.1	81921	1	0	0	0	0	0	0	0
1153	RTA00000407F.b.04.1	63221	1	0	0	0	0	0	0	0
1154	RTA00000411F.e.07.1	65008	1	0	0	0	0	0	0	0
1156	RTA000004132A.c.11.1	87278	1	0	0	0	0	0	0	0
1157	RTA00000420F.e.16.1	63639	1	0	0	0	0	0	0	0
1159	RTA00000404F.b.11.1	39079	2	0	0	0	0	0	0	0
1160	RTA00000418F.k.17.1	75390	1	0	0	0	0	0	0	0
1161	RTA000004129A.k.12.1	79322	1	0	0	0	0	0	0	0
1162	RTA000004340R.m.07.1	78415	1	0	0	0	0	0	0	0
1163	RTA00000405F.d.14.1	35209	2	0	0	0	0	0	1	0
1164	RTA00000406F.f.11.1	38601	2	0	0	0	0	0	0	0
1165	RTA000004120A.h.5.1	80344	1	0	0	0	0	0	0	0
1167	RTA00000411F.g.06.1	66065	1	0	0	0	0	0	0	0
1168	RTA00000408F.d.16.1	76318	1	0	0	0	0	0	0	0
1171	RTA00000404F.c.19.1	39026	2	0	0	0	0	0	0	1
1173	RTA00000410F.a.01.1	73354	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1174	RTA00000408F.h.08.1	74575	1	0	0	0	0	0	0	0
1175	RTA00000422F.b.16.1	17045	4	0	0	0	0	0	0	0
1176	RTA00000419F.f.10.1	66193	1	0	0	0	0	0	0	0
1177	RTA00000418F.l.04.1	74140	1	0	0	0	0	0	0	0
1178	RTA00000410F.a.16.1	73548	1	0	0	0	0	0	0	0
1179	RTA00000138A.e.13.1	79608	1	0	0	0	0	0	0	0
1180	RTA00000130A.b.5.1	79579	1	0	0	0	0	0	0	0
1181	RTA00000408F.j.15.2	74759	1	0	0	0	0	0	0	0
1182	RTA00000410F.m.20.1	74285	1	0	0	0	0	0	0	0
1185	RTA00000419F.e.04.1	62963	1	0	0	0	0	0	0	0
1187	RTA00000418F.g.05.1	73075	1	0	0	0	0	0	0	0
1188	RTA00000419F.n.02.1	65963	1	0	0	0	0	0	0	0
1191	RTA00000119A.m.15.1	80989	1	0	0	0	0	0	0	0
1194	RTA00000413F.g.23.1	40700	1	1	0	0	0	0	0	0
1195	RTA00000403F.a.18.1	75726	1	0	0	0	0	0	0	0
1196	RTA00000404F.m.20.2	39144	2	0	0	0	0	0	0	0
1199	RTA00000419F.h.04.1	65034	1	0	0	0	0	0	0	0
1200	RTA00000408F.d.12.1	75782	1	0	0	0	0	0	0	0
1201	RTA00000133A.m.19.2	80167	1	0	0	0	0	0	0	0
1206	RTA00000126A.o.22.1	81752	1	0	0	0	0	0	0	0
1207	RTA00000419F.n.13.1	66026	1	0	0	0	0	0	0	0
1208	RTA00000130A.h.13.1	80790	1	0	0	0	0	0	0	0
1212	RTA00000411F.m.19.1	74924	1	0	0	0	0	0	0	0
1214	RTA00000419F.k.06.1	78493	1	0	0	0	0	0	0	0
1216	RTA00000412F.d.16.1	26829	1	0	0	0	0	0	0	0
1217	RTA00000119A.j.23.1	79835	1	0	0	0	0	0	0	0
1219	RTA00000195AF.c.12.1	37582	2	0	0	0	0	0	0	0
1223	RTA00000423F.c.19.1	40472	2	0	0	0	0	0	0	0
1224	RTA00000405F.g.24.1	39076	2	0	0	0	0	0	0	0
1226	RTA00000419F.c.11.1	65504	1	0	0	0	0	0	0	0
1227	RTA00000135A.f.14.2	79969	1	0	0	0	0	0	0	0
1228	RTA00000403F.a.05.1	18808	1	1	0	0	0	0	0	0
1229	RTA00000405F.e.17.1	38662	2	0	0	0	0	0	0	0
1230	RTA00000411F.d.05.1	75812	1	0	0	0	0	0	0	0
1232	RTA00000418F.d.03.1	76824	1	0	0	0	0	0	0	0
1233	RTA00000418F.h.08.1	76401	1	0	0	0	0	0	0	0
1234	RTA00000418F.m.10.1	79110	1	0	0	0	0	0	0	0
1235	RTA00000411F.i.15.1	31612	1	1	0	0	0	0	0	0
1236	RTA00000413F.i.23.1	63073	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1237	RTA00000411F.e.24.1	64781	1	0	0	0	0	0	0	0
1238	RTA00000406F.g.22.1	38590	2	0	0	0	0	0	0	0
1239	RTA00000126A.n.13.2	79735	1	0	0	0	0	0	0	0
1240	RTA00000419F.a.02.1	77993	1	0	0	0	0	0	0	0
1241	RTA00000346F.l.13.1	7542	8	0	0	2	1	0	1	0
1245	RTA00000120A.d.15.1	80533	1	0	0	0	0	0	0	0
1246	RTA00000418F.f.21.1	75157	1	0	0	0	0	0	0	0
1248	RTA00000129A.d.1.2	80058	1	0	0	0	0	0	0	0
1251	RTA00000419F.m.20.1	76720	1	0	0	0	0	0	0	0
1253	RTA00000406F.e.15.1	39074	2	0	0	0	0	0	0	0
1255	RTA00000411F.c.10.1	73117	1	0	0	0	0	0	0	0
1259	RTA00000413F.d.05.1	64788	1	0	0	0	0	0	0	0
1260	RTA00000121A.o.3.1	81437	1	0	0	0	0	0	0	0
1262	RTA00000420F.e.02.1	40259	2	0	0	0	0	0	0	0
1268	RTA00000126A.k.7.2	79866	1	0	0	0	0	0	0	0
1270	RTA00000419F.l.03.1	79060	1	0	0	0	0	0	0	0
1272	RTA00000118A.a.2.1	38067	2	0	0	0	0	0	0	0
1273	RTA00000410F.m.18.1	76365	1	0	0	0	0	0	0	0
1275	RTA00000406F.c.20.1	38578	2	0	0	0	0	0	0	0
1276	RTA00000413F.b.14.1	66591	1	0	0	0	0	0	0	0
1277	RTA00000406F.c.18.1	14368	2	0	0	0	0	0	0	0
1278	RTA00000418F.j.09.1	76352	1	0	0	0	0	0	0	0
1279	RTA00000419F.f.23.1	65002	1	0	0	0	0	0	0	0
1281	RTA00000411F.a.05.1	76699	1	0	0	0	0	0	0	0
1282	RTA00000419F.m.21.1	77947	1	0	0	0	0	0	0	0
1283	RTA00000405F.n.16.1	21503	2	1	1	0	0	0	0	0
1284	RTA00000422F.o.19.2	13084	3	2	0	0	0	0	0	0
1285	RTA00000408F.n.02.2	76993	1	0	0	0	0	0	0	0
1290	RTA00000119A.g.7.1	83580	1	0	0	0	0	0	0	0
1291	RTA00000411F.i.02.1	66975	1	0	0	0	0	0	0	0
1292	RTA00000408F.l.09.1	75487	1	0	0	0	0	0	0	0
1293	RTA00000423F.g.04.1	23012	2	1	0	0	0	0	0	0
1295	RTA00000418F.i.18.1	78024	1	0	0	0	0	0	0	0
1296	RTA00000411F.h.15.1	65160	1	0	0	0	0	0	0	0
1297	RTA00000410F.i.19.1	78988	1	0	0	0	0	0	0	0
1298	RTA00000419F.k.24.1	75596	1	0	0	0	0	0	0	0
1301	RTA00000409F.i.09.1	75279	1	0	0	0	0	0	0	0
1302	RTA00000419F.h.02.1	63985	1	0	0	0	0	0	0	0
1303	RTA00000413F.b.12.1	64932	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1304	RTA00000121A.h.18.1	16376	4	0	0	0	0	0	0	0
1305	RTA00000411F.n.20.1	75816	1	0	0	0	0	0	0	0
1307	RTA00000411F.n.12.1	73308	1	0	0	0	0	0	0	0
1308	RTA00000408F.j.12.2	18226	1	0	0	0	0	0	0	0
1309	RTA00000409F.i.03.1	75968	1	0	0	0	0	0	0	0
1312	RTA00000409F.j.05.1	74128	1	0	0	0	0	0	0	0
1313	RTA00000419F.m.04.1	74367	1	0	0	0	0	0	0	0
1314	RTA00000418F.k.03.1	78901	1	0	0	0	0	0	0	0
1315	RTA00000419F.d.16.1	64357	1	0	0	0	0	0	0	0
1316	RTA00000420F.e.10.1	65899	1	0	0	0	0	0	0	0
1319	RTA00000418F.k.08.1	18259	1	0	0	0	0	0	0	0
1322	RTA00000410F.c.02.1	75055	1	0	0	0	0	0	0	0
1324	RTA00000403F.h.18.1	39241	2	0	0	0	0	0	0	0
1325	RTA00000405F.n.13.1	23810	2	1	0	0	0	0	0	0
1326	RTA00000355R.e.14.1	16837	2	2	0	0	0	0	0	0
1327	RTA00000422F.l.03.1	39147	2	0	0	0	0	0	0	0
1329	RTA00000403F.o.14.1	38971	2	0	0	0	0	0	0	0
1333	RTA00000127A.f.11.1	81463	1	0	0	0	0	0	0	0
1335	RTA00000403F.o.07.1	39037	2	0	0	0	0	0	0	0
1336	RTA00000403F.d.19.1	39243	2	0	0	0	0	0	0	0
1338	RTA00000406F.i.17.1	37902	2	0	0	0	0	0	0	0
1339	RTA00000418F.d.22.1	75324	1	0	0	0	0	0	0	0
1340	RTA00000340R.o.12.1	53732	1	0	0	0	0	0	0	0
1341	RTA00000125A.g.24.1	80397	1	0	0	0	0	0	0	0
1342	RTA00000130A.o.21.1	80218	1	0	0	0	0	0	0	0
1343	RTA00000420F.a.23.1	42158	1	1	0	0	0	0	0	0
1344	RTA00000411F.m.18.1	75629	1	0	0	0	0	0	0	0
1345	RTA00000407F.b.22.1	37487	2	0	0	0	0	0	0	0
1346	RTA00000409F.a.16.1	73990	1	0	0	0	0	0	0	0
1348	RTA00000341F.k.12.1	62985	1	0	0	0	0	0	0	0
1349	RTA00000129A.c.18.2	37216	2	0	0	0	0	0	0	0
1350	RTA00000410F.d.10.1	77561	1	0	0	0	0	0	0	0
1351	RTA00000351R.i.03.1	6874	6	3	0	0	1	0	0	0
1352	RTA00000135A.l.1.2	39426	2	0	0	0	0	0	0	0
1353	RTA00000420F.b.18.1	66136	1	0	0	0	0	0	0	0
1356	RTA00000403F.o.13.1	39049	2	0	0	0	0	0	0	0
1357	RTA00000411F.f.06.1	64186	1	0	0	0	0	0	0	0
1359	RTA00000351R.c.13.1	11476	6	0	0	0	0	0	0	0
1362	RTA00000420F.d.16.1	64485	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1363	RTA00000404F.i.12.1	39001	2	0	0	0	0	0	0	0
1364	RTA00000404F.o.10.2	16785	2	2	0	0	0	0	0	0
1365	RTA00000419F.d.07.1	21421	1	2	0	0	0	0	0	0
1366	RTA00000404F.p.02.2	39097	2	0	1	0	0	0	0	0
1367	RTA00000125A.k.14.1	79457	1	0	0	0	0	0	0	0
1368	RTA00000122A.j.22.1	81151	1	0	0	0	0	0	0	0
1369	RTA00000406F.i.13.1	37904	2	0	0	0	0	0	0	0
1370	RTA00000135A.b.23.1	35241	2	0	0	0	0	0	0	0
1373	RTA00000423F.l.04.1	14320	2	0	0	0	0	0	0	0
1374	RTA00000420F.b.04.1	63820	1	0	0	0	0	0	0	0
1376	RTA00000408F.i.18.2	74410	1	0	0	0	0	0	0	0
1378	RTA00000341F.j.05.1	36177	2	0	0	0	0	0	0	0
1379	RTA00000420F.a.16.1	63345	1	0	0	0	0	0	0	0
1381	RTA00000410F.j.01.1	73399	1	0	0	0	0	0	0	0
1382	RTA00000408F.p.21.1	77930	1	0	0	0	0	0	0	0
1383	RTA00000412F.d.19.1	75743	1	0	0	0	0	0	0	0
1384	RTA00000352R.c.04.1	71976	1	0	0	0	0	0	0	0
1385	RTA00000413F.f.19.1	65189	1	0	0	0	0	0	0	0
1386	RTA00000411F.e.03.1	73648	1	0	0	0	0	0	0	0
1389	RTA00000418F.c.04.1	41587	1	1	0	0	0	0	0	0
1390	RTA00000418F.o.17.1	79069	1	0	0	0	0	0	0	0
1391	RTA00000418F.e.21.1	74773	1	0	0	0	0	0	0	0
1392	RTA00000419F.d.14.1	64945	1	0	0	0	0	0	0	0
1396	RTA00000410F.j.20.1	73601	1	0	0	0	0	0	0	0
1399	RTA00000119A.j.9.1	82060	1	0	0	0	0	0	0	0
1403	RTA00000340F.i.13.1	79299	1	0	0	0	0	0	0	0
1404	RTA00000412F.g.03.1	64740	1	0	0	0	0	0	0	0
1405	RTA00000122A.g.17.1	32655	1	1	0	0	0	0	0	0
1407	RTA00000419F.n.12.1	66086	1	0	0	0	0	0	0	0
1410	RTA00000351R.p.14.1	13166	2	3	0	0	0	0	0	0
1411	RTA00000403F.e.08.1	19126	3	0	0	0	0	0	0	0
1412	RTA00000124A.k.20.1	80913	1	0	0	0	0	0	0	0
1413	RTA00000121A.n.2.1	33585	1	1	0	0	0	0	0	0
1414	RTA00000422F.m.24.1	39159	2	0	1	0	1	1	2	2
1415	RTA00000408F.e.24.2	75002	1	0	0	0	0	0	0	0
1418	RTA00000403F.b.12.1	78775	1	0	0	0	0	0	0	0
1419	RTA00000404F.a.09.1	38985	2	0	0	0	0	0	0	0
1421	RTA00000403F.o.19.1	78615	1	0	0	0	0	0	0	0
1424	RTA00000410F.b.10.1	74504	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1426	RTA00000413F.h.12.1	66929	1	0	0	0	0	0	0	0
1427	RTA00000406F.k.14.1	38651	2	0	0	0	0	0	0	0
1429	RTA00000411F.f.17.1	65661	1	0	0	0	0	0	0	0
1430	RTA00000411F.k.10.1	64506	1	0	0	0	0	0	0	0
1431	RTA00000411F.g.21.1	64500	1	0	0	0	0	0	0	0
1432	RTA00000119A.h.24.1	82266	1	0	0	0	0	0	0	0
1434	RTA00000408F.m.22.2	72949	1	0	0	0	0	0	0	0
1437	RTA00000410F.i.17.1	78147	1	0	0	0	0	0	0	0
1440	RTA00000129A.a.13.2	79780	1	0	0	0	0	0	0	0
1441	RTA00000129A.k.21.1	82067	1	0	0	0	0	0	0	0
1442	RTA00000350R.g.10.1	9026	7	0	0	1	0	0	0	0
1443	RTA00000413F.d.23.1	66030	1	0	0	0	0	0	0	0
1447	RTA00000411F.d.10.1	76445	1	0	0	0	0	0	0	0
1448	RTA00000404F.b.19.1	39281	2	0	0	0	0	0	0	0
1449	RTA00000418F.c.07.1	73245	1	0	0	0	0	0	0	0
1450	RTA00000418F.j.15.1	74855	1	0	0	0	0	1	0	0
1453	RTA00000413F.b.16.1	65126	1	0	0	0	0	0	0	0
1455	RTA00000350R.m.14.1	39171	2	0	0	0	0	0	0	0
1456	RTA00000418F.l.11.1	77158	1	0	0	0	0	0	0	0
1457	RTA00000130A.d.5.1	82051	1	0	0	0	0	0	0	0
1458	RTA00000339F.n.05.1	39648	2	0	0	0	0	0	0	0
1460	RTA00000407F.a.23.1	23489	2	1	0	0	0	0	0	0
1462	RTA00000403F.h.11.1	39219	2	0	0	0	0	0	0	0
1463	RTA00000406F.j.13.1	38688	2	0	0	0	0	0	0	0
1464	RTA00000352R.p.09.1	16915	4	0	0	0	0	0	0	0
1465	RTA00000413F.g.24.1	65481	1	0	0	0	0	0	0	0
1469	RTA00000420F.a.08.1	19473	1	2	0	0	0	0	0	0
1472	RTA00000404F.i.22.1	39082	2	0	0	0	0	0	0	0
1473	RTA00000124A.k.23.1	81350	1	0	0	0	0	0	0	0
1474	RTA00000404F.e.11.1	38991	2	0	0	0	0	0	0	0
1475	RTA00000129A.d.2.4	80119	1	0	0	0	0	0	0	0
1478	RTA00000419F.o.15.1	32487	1	1	0	0	0	0	0	0
1479	RTA00000119A.m.17.1	79536	1	0	0	0	0	0	0	0
1480	RTA00000410F.b.07.1	78916	1	0	0	0	0	0	0	0
1481	RTA00000420F.b.19.1	36873	2	0	0	0	0	0	0	0
1483	RTA00000411F.b.21.1	10051	1	0	0	0	0	0	0	0
1485	RTA00000356R.c.16.1	16915	4	0	0	0	0	0	0	0
1487	RTA00000412F.h.11.1	63175	1	0	0	0	0	0	0	0
1490	RTA00000420F.a.11.1	66460	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1491	RTA00000120A.c.7.1	80985	1	0	0	1	0	0	0	0
1492	RTA00000404F.e.15.1	39101	2	0	0	0	0	0	0	0
1493	RTA00000422F.n.20.1	38676	2	0	0	0	0	0	1	0
1494	RTA00000423F.h.20.1	38639	2	0	0	0	0	0	0	0
1497	RTA00000410F.b.18.1	76701	1	0	0	0	0	0	0	0
1499	RTA00000423F.g.15.1	35173	2	0	0	0	0	0	0	0
1500	RTA00000413F.b.04.1	66427	1	0	0	0	0	0	0	0
1503	RTA00000346F.f.11.1	38528	2	0	0	0	0	0	0	0
1506	RTA00000422F.i.02.1	76436	1	0	0	0	0	0	0	0
1507	RTA00000410F.a.08.1	73324	1	0	0	0	0	0	0	0
1509	RTA00000419F.e.02.1	65010	1	0	0	0	0	0	0	0
1511	RTA00000403F.g.13.1	38718	2	0	0	0	0	0	0	0
1513	RTA00000407F.a.01.1	12501	3	1	0	0	0	0	0	0
1516	RTA00000411F.f.14.1	62984	1	0	0	0	0	0	0	0
1517	RTA00000411F.c.04.1	76858	1	0	0	0	0	0	0	0
1518	RTA00000135A.m.18.1	19255	2	0	0	0	0	0	0	0
1519	RTA00000413F.c.17.1	36831	2	0	0	0	0	0	0	0
1521	RTA00000404F.j.01.1	26859	2	0	0	0	0	0	0	0
1522	RTA00000138A.p.10.1	81625	1	0	0	0	0	0	0	0
1526	RTA00000423F.h.07.1	37933	2	0	0	0	0	0	0	0
1527	RTA00000413F.e.04.1	64176	1	0	0	0	0	0	0	0
1528	RTA00000406F.h.03.1	38585	2	0	0	0	0	0	0	0
1529	RTA00000403F.e.24.1	16432	2	2	0	0	0	0	0	0
1531	RTA00000403F.i.11.1	23535	2	1	0	0	0	0	0	0
1532	RTA00000419F.g.02.1	62839	1	0	0	0	0	0	0	0
1533	RTA00000347F.e.05.1	39814	2	0	0	0	0	0	0	0
1534	RTA00000408F.l.16.1	73468	1	0	0	0	0	0	0	0
1536	RTA00000423F.f.09.1	64823	1	0	0	0	0	0	0	0
1537	RTA00000419F.k.03.1	40822	1	1	0	0	0	0	0	0
1538	RTA00000406F.b.02.1	38744	2	0	0	0	0	0	0	0
1539	RTA00000418F.o.14.1	33524	1	1	0	0	0	0	0	0
1541	RTA00000404F.b.09.1	39166	2	0	0	0	0	0	0	0
1547	RTA00000406F.k.11.1	38715	2	0	0	0	0	0	0	0
1549	RTA00000406F.c.06.1	37924	2	0	0	0	0	0	0	0
1550	RTA00000418F.n.07.1	76316	1	0	0	0	0	0	0	0
1551	RTA00000419F.n.15.1	63484	1	0	0	0	0	0	0	0
1552	RTA00000408F.n.06.2	76642	1	0	0	0	0	0	0	0
1553	RTA00000420F.c.04.1	65007	1	0	0	0	0	0	0	0
1554	RTA00000411F.j.15.1	66871	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1556	RTA00000128A.m.23.1	81441	1	0	0	0	0	0	0	0
1557	RTA00000406F.g.03.1	38690	2	0	0	0	0	0	0	0
1558	RTA00000405F.h.05.2	75706	1	0	0	0	0	0	0	0
1559	RTA00000129A.n.24.1	81409	1	0	0	0	0	0	0	0
1562	RTA00000418F.n.11.1	78977	1	0	0	0	0	0	0	0
1565	RTA00000120A.h.9.1	80736	1	0	0	0	0	0	0	0
1566	RTA00000413F.a.12.1	63403	1	0	0	0	0	0	0	0
1567	RTA00000412F.o.05.1	63575	1	0	0	0	0	0	0	0
1571	RTA00000354R.n.04.1	22049	3	0	0	0	0	0	0	0
1573	RTA00000406F.h.05.1	38542	2	0	0	0	0	0	0	0
1574	RTA00000410F.b.24.1	75104	1	0	0	0	0	0	0	0
1575	RTA00000423F.d.11.1	38950	2	0	0	0	0	0	0	0
1578	RTA00000119A.k.1.1	81282	1	0	0	0	0	0	0	0
1579	RTA00000420F.f.07.1	66312	1	0	0	0	0	0	0	0
1580	RTA00000404F.k.22.2	39084	2	0	0	0	0	0	0	0
1581	RTA00000422F.e.07.1	38964	2	0	0	0	0	0	0	0
1582	RTA00000410F.f.12.1	73883	1	0	0	0	0	0	0	0
1584	RTA00000411F.m.11.1	73196	1	0	0	0	0	0	0	0
1587	RTA00000403F.o.10.2	38964	2	0	0	0	0	0	0	0
1590	RTA00000413F.c.10.1	65600	1	0	0	0	0	0	0	0
1591	RTA00000411F.b.17.1	72893	1	0	0	0	0	0	0	0
1593	RTA00000408F.k.19.1	77593	1	0	0	0	0	0	0	0
1596	RTA00000119A.i.8.1	82593	1	0	0	0	0	0	0	0
1598	RTA00000418F.g.03.1	78737	1	0	0	0	0	0	0	0
1599	RTA00000411F.a.09.1	78629	1	0	0	0	0	0	0	0
1601	RTA00000419F.j.11.1	73183	1	0	0	0	0	0	0	0
1603	RTA00000404F.n.18.2	37169	2	0	0	0	0	0	0	0
1604	RTA00000122A.n.16.1	80553	1	0	0	0	0	0	0	0
1605	RTA00000420F.c.07.1	65555	1	0	0	0	0	0	0	0
1608	RTA00000408F.j.13.2	42275	1	1	0	0	0	0	0	0
1610	RTA00000423F.a.01.1	39103	2	0	0	0	0	0	0	0
1613	RTA00000341F.e.20.1	67422	1	0	0	0	0	0	0	0
1614	RTA00000419F.m.22.1	75600	1	0	0	0	0	0	0	0
1615	RTA00000419F.m.23.1	64263	1	0	0	0	0	0	0	0
1616	RTA00000419F.b.06.1	76728	1	0	0	0	0	0	0	0
1618	RTA00000406F.p.08.1	37573	2	0	0	0	0	0	0	2
1619	RTA00000129A.n.17.1	79811	1	0	0	0	0	0	0	0
1621	RTA00000407F.b.08.1	37513	2	0	0	0	0	0	0	0
1623	RTA00000406F.i.08.1	37946	2	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1624	RTA00000403F.h.07.1	26856	2	0	0	0	0	0	0	0
1625	RTA00000418F.n.24.1	73153	1	0	0	0	0	0	0	0
1627	RTA00000409F.l.20.1	74394	1	0	0	0	0	0	0	0
1628	RTA00000418F.l.06.1	73317	1	0	0	0	0	0	0	0
1629	RTA00000346F.o.22.1	7381	2	6	0	0	0	0	0	0
1630	RTA00000129A.k.22.1	79639	1	0	0	0	0	0	0	0
1632	RTA00000418F.m.22.1	74567	1	0	0	0	0	0	0	0
1633	RTA00000413F.c.12.1	65334	1	0	0	0	0	0	0	0
1635	RTA00000418F.g.20.1	74626	1	0	0	0	0	0	0	0
1636	RTA00000413F.d.15.1	64943	1	0	0	0	0	0	0	0
1639	RTA00000412F.c.10.1	76372	1	0	0	0	0	0	0	0
1640	RTA00000122A.j.17.1	62736	1	0	0	0	0	0	0	0
1645	RTA00000418F.j.19.1	78399	1	0	0	0	0	0	0	0
1646	RTA00000137A.p.12.1	80614	1	0	0	0	0	0	0	0
1648	RTA00000418F.p.10.1	75323	1	0	0	0	0	0	0	0
1649	RTA00000408F.k.12.1	77246	1	0	0	0	0	0	0	0
1650	RTA00000137A.j.11.4	79752	1	0	0	0	0	0	0	0
1652	RTA00000419F.n.24.1	65995	1	0	0	0	0	0	0	0
1653	RTA00000418F.l.03.1	79058	1	0	0	0	0	0	0	0
1655	RTA00000419F.m.13.1	79052	1	0	0	0	0	0	0	0
1656	RTA00000418F.j.14.1	32623	1	1	0	0	0	0	0	0
1657	RTA00000403F.a.10.1	73952	1	0	0	0	0	0	0	0
1658	RTA00000420F.a.21.1	66241	1	0	0	0	0	0	0	0
1659	RTA00000127A.e.6.1	5885	4	2	0	0	0	0	0	0
1660	RTA00000405F.g.21.2	38966	2	0	0	0	0	0	0	0
1661	RTA00000405F.g.21.1	38966	2	0	0	0	0	0	0	0
1662	RTA00000419F.m.06.1	75749	1	0	0	0	0	0	0	0
1663	RTA00000423F.g.03.1	38007	2	0	0	0	0	0	0	0
1665	RTA00000418F.f.03.1	78911	1	0	0	0	0	0	0	0
1668	RTA00000120A.c.20.1	43235	1	1	0	0	0	1	0	0
1669	RTA00000138A.m.15.1	41603	1	1	0	0	0	0	0	0
1670	RTA00000408F.f.14.2	73024	1	0	0	0	0	0	0	0
1671	RTA00000418F.p.20.1	78023	1	0	0	0	0	0	0	0
1672	RTA00000423F.e.21.1	66961	1	0	0	0	0	0	0	0
1673	RTA00000419F.j.22.1	73525	1	0	0	0	0	0	0	0
1674	RTA00000410F.d.18.1	75458	1	0	0	0	0	0	0	0
1675	RTA00000403F.b.24.1	78838	1	0	0	0	0	0	0	0
1677	RTA00000410F.e.09.1	76093	1	0	0	0	0	0	0	0
1680	RTA00000353R.h.10.1	39498	2	0	0	0	0	0	0	0

SEQ ID NO	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1682	RTA00000411F.d.21.1	74794	1	0	0	0	0	0	0	0
1683	RTA00000340F.m.04.1	19406	2	1	0	0	0	0	0	0
1684	RTA00000411F.n.09.1	78962	1	0	0	0	0	0	0	0
1685	RTA00000127A.h.22.2	13155	2	3	0	0	0	0	0	0
1686	RTA00000420F.e.09.1	66325	1	0	0	0	0	0	0	0
1687	RTA00000405F.p.03.1	11346	3	3	0	0	0	0	0	0
1688	RTA00000419F.a.18.1	78484	1	0	0	0	0	0	0	0
1691	RTA00000121A.n.23.1	26981	2	0	0	0	0	0	0	0
1692	RTA00000121A.n.15.1	40849	1	1	0	0	0	0	0	0
1693	RTA00000403F.i.23.1	11364	4	2	0	0	0	0	0	0
1694	RTA00000405F.a.03.1	39065	2	0	0	0	0	0	0	0
1696	RTA00000419F.p.08.1	65560	1	0	0	0	0	0	0	0
1697	RTA00000126A.n.6.2	79917	1	0	0	0	0	0	0	0
1698	RTA00000413F.c.03.1	64527	1	0	0	1	0	0	0	0
1699	RTA00000422F.k.24.1	39118	2	0	0	0	0	0	0	0
1700	RTA00000412F.c.17.1	75620	1	0	0	0	0	0	0	0
1702	RTA00000347F.g.08.1	23121	3	0	0	0	0	0	0	0
1703	RTA00000419F.o.06.1	64643	1	0	0	0	0	0	0	0
1704	RTA00000340R.j.07.1	38954	2	0	0	0	0	0	0	0
1705	RTA00000423F.j.02.1	38617	2	0	0	0	0	0	0	0
1706	RTA00000419F.c.04.1	63749	1	0	0	0	0	0	0	0
1707	RTA00000411F.a.01.1	74524	1	0	0	0	0	0	0	0
1708	RTA00000406F.f.05.1	22961	2	1	0	0	0	0	1	0
1709	RTA00000410F.n.05.1	77830	1	0	0	0	0	0	0	0
1710	RTA00000404F.e.06.1	39315	2	0	0	0	0	0	0	0
1712	RTA00000411F.c.03.1	79280	1	0	0	0	0	0	0	0
1718	RTA00000405F.l.07.1	38636	2	0	0	0	0	0	0	0
1720	RTA00000411F.n.06.1	73886	1	0	0	0	0	0	0	0
1721	RTA00000422F.k.15.1	19253	2	0	0	0	0	0	0	0
1722	RTA00000406F.h.16.1	38618	2	0	0	0	0	0	0	0
1723	RTA00000419F.f.24.1	18717	1	1	0	0	0	0	0	0
1724	RTA00000411F.d.18.1	76063	1	0	0	0	0	0	0	0
1727	RTA00000408F.d.15.1	78467	1	0	0	0	0	0	0	0
1728	RTA00000339F.b.22.1	6867	7	3	0	0	0	0	0	0
1730	RTA00000411F.n.02.1	78049	1	0	0	0	0	0	0	0
1731	RTA00000419F.b.17.1	63261	1	0	0	0	0	0	0	0
1733	RTA00000130A.e.20.1	79502	1	0	0	0	0	0	0	0
1735	RTA00000411F.i.13.1	66138	1	0	0	0	0	0	0	0
1736	RTA00000420F.e.20.1	64762	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1737	RTA00000126A.p.23.2	80915	1	0	0	0	0	0	0	0
1739	RTA00000406F.g.08.1	37963	2	0	0	0	0	0	0	0
1740	RTA00000409F.a.08.1	74978	1	0	0	0	0	0	0	0
1741	RTA00000406F.d.24.1	37997	2	0	0	0	0	0	0	0
1744	RTA00000418F.i.12.1	78971	1	0	0	0	0	0	0	0
1745	RTA00000121A.h.19.1	80334	1	0	0	0	0	0	0	0
1746	RTA00000419F.b.10.1	78566	1	0	0	0	0	0	0	0
1747	RTA00000406F.m.10.1	38004	2	0	0	0	0	0	0	0
1748	RTA00000406F.o.05.1	37894	2	0	0	0	0	0	0	0
1749	RTA00000408F.b.04.2	39933	2	0	0	0	0	0	0	0
1750	RTA00000411F.k.04.1	65407	1	0	0	0	0	0	0	0
1752	RTA00000134A.l.9.1	81814	1	0	0	0	0	0	0	0
1754	RTA00000418F.k.04.1	75864	1	0	0	0	0	0	0	0
1757	RTA00000419F.p.18.1	63002	1	0	0	0	0	0	0	0
1759	RTA00000419F.a.24.1	79290	1	0	0	0	0	0	0	0
1761	RTA00000129A.e.14.1	80053	1	0	0	0	0	0	0	0
1762	RTA00000404F.a.01.1	19251	2	0	0	0	0	0	0	0
1765	RTA00000408F.n.16.2	73720	1	0	0	0	0	0	0	0
1769	RTA00000412F.l.14.1	62792	1	0	0	0	0	0	0	0
1770	RTA00000129A.b.6.2	39111	2	0	0	0	0	0	0	0
1771	RTA00000406F.n.12.1	37517	2	0	0	0	0	0	0	0
1772	RTA00000418F.e.03.1	73442	1	0	0	0	0	0	0	0
1774	RTA00000403F.g.03.1	23537	2	1	0	0	0	0	0	0
1775	RTA00000412F.p.06.1	65485	1	0	0	0	0	0	0	0
1776	RTA00000419F.b.21.1	65366	1	0	0	0	0	0	0	0
1779	RTA00000351R.j.16.1	64773	1	0	0	0	0	0	0	0
1781	RTA00000419F.f.18.1	64047	1	0	0	0	0	0	0	0
1782	RTA00000423F.i.16.1	38604	2	0	0	0	0	0	0	0
1784	RTA00000411F.f.04.1	64526	1	0	0	0	0	0	0	0
1785	RTA00000125A.c.17.1	80619	1	0	0	0	0	0	0	0
1786	RTA00000404F.g.08.1	38980	2	0	0	0	0	0	0	0
1787	RTA00000423F.c.13.1	39059	2	0	0	0	0	0	0	0
1790	RTA00000404F.k.15.1	18225	2	0	0	0	0	0	0	0
1792	RTA00000339F.l.12.1	7711	4	1	0	0	0	0	0	0
1793	RTA00000406F.b.01.1	39006	2	0	0	0	0	0	0	0
1794	RTA00000407F.c.08.1	37549	2	0	0	0	0	0	0	0
1796	RTA00000403F.b.05.1	74300	1	0	0	0	0	0	0	0
1800	RTA00000408F.j.05.2	73878	1	0	0	0	0	0	0	0
1802	RTA00000419F.c.14.1	65727	1	0	0	0	0	0	0	0

SEQ ID	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
NO:										
1806	RTA00000346F.h.24.1	4379	9	2	0	0	0	0	0	0
1807	RTA00000420F.b.02.1	64013	1	0	0	0	0	0	0	0
1808	RTA00000413F.b.24.1	65117	1	0	0	0	0	0	0	0
1809	RTA00000412F.d.08.1	75328	1	0	0	0	0	0	0	0
1811	RTA00000419F.m.18.1	76014	1	0	0	0	0	0	0	0
1812	RTA00000419F.l.24.1	74628	1	0	0	0	0	0	0	0
1813	RTA00000408F.c.06.1	78619	1	0	0	0	0	0	0	0
1814	RTA00000405F.h.21.2	39072	2	0	0	0	0	0	0	0
1816	RTA00000405F.g.05.2	38987	2	0	0	0	0	0	0	0
1817	RTA00000411F.f.20.1	63501	1	0	0	0	0	0	0	0
1819	RTA00000420F.d.19.1	43146	1	1	0	0	0	0	0	0
1820	RTA00000195R.a.06.1	35265	2	0	1	0	0	0	0	0
1821	RTA00000123A.f.2.1	80379	1	0	0	0	0	0	0	0
1822	RTA00000411F.j.11.1	66154	1	0	0	0	0	0	0	0
1827	RTA00000419F.j.03.1	77578	1	0	0	0	0	0	0	0
1829	RTA00000423F.h.11.1	38977	2	0	0	0	0	0	0	0
1830	RTA00000413F.b.17.1	21704	1	2	0	0	0	0	0	0
1833	RTA00000423F.f.03.1	63852	1	0	0	0	0	0	0	0
1834	RTA00000419F.e.10.1	63225	1	0	0	0	0	0	0	0
1836	RTA00000403F.d.02.1	39224	2	0	0	0	0	0	0	0
1838	RTA00000418F.j.20.1	77101	1	0	0	0	0	0	0	0
1846	RTA00000356R.h.05.1	35052	2	0	1	0	0	0	0	0
1848	RTA00000340F.i.15.1	26815	1	0	0	0	0	0	0	0
1850	RTA00000345F.c.12.1	23824	2	1	0	0	0	0	0	0
1852	RTA00000412F.o.03.1	65039	1	0	0	0	0	0	0	0
1853	RTA00000409F.d.16.1	76090	1	0	0	0	0	0	0	0
1856	RTA00000408F.j.17.2	78935	1	0	0	0	0	0	0	0
1857	RTA00000126A.j.15.2	40425	2	0	0	0	0	0	0	0
1861	RTA00000410F.b.17.1	77458	1	0	0	0	0	0	0	0
1862	RTA00000419F.l.22.1	78444	1	0	0	0	0	0	0	0
1864	RTA00000422F.f.22.1	38703	2	0	0	0	0	0	0	0
1867	RTA00000418F.c.05.1	76475	1	0	0	0	0	0	0	0
1868	RTA00000418F.p.21.1	78068	1	0	0	0	0	0	0	0
1870	RTA00000340F.i.08.1	12005	2	1	0	0	0	0	0	0
1871	RTA00000410F.o.04.1	79018	1	0	0	0	0	0	0	0
1872	RTA00000411F.l.16.1	16122	1	3	0	0	0	0	0	0
1873	RTA00000411F.j.03.1	66263	1	0	0	0	0	0	0	0
1874	RTA00000126A.k.24.1	39428	2	0	0	0	0	0	0	0
1876	RTA00000120A.m.10.3	81376	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1877	RTA00000419F.f.16.1	64679	1	0	0	0	0	0	0	0
1878	RTA00000408F.c.23.1	42261	1	1	0	0	0	0	0	0
1881	RTA00000136A.h.6.1	81620	1	0	0	0	0	0	0	0
1886	RTA00000418F.e.20.1	73741	1	0	0	0	0	0	0	0
1888	RTA00000405F.l.03.1	38580	2	0	0	0	0	0	0	0
1889	RTA00000418F.m.02.1	74550	1	0	0	0	0	0	0	0
1891	RTA00000406F.c.05.1	22077	3	0	1	0	0	0	0	0
1893	RTA00000411F.k.21.1	65349	1	0	0	0	0	0	0	0
1897	RTA00000418F.i.06.1	75151	1	0	0	0	0	0	0	0
1898	RTA00000423F.a.03.1	26796	2	0	0	0	0	0	0	0
1900	RTA00000423F.k.21.2	37499	2	0	0	0	0	0	0	0
1902	RTA00000404F.c.18.1	38982	2	0	0	0	0	0	0	0
1905	RTA00000411F.g.24.1	65233	1	0	0	0	0	0	0	0
1907	RTA00000405F.m.07.1	37733	2	0	0	0	0	0	0	0
1908	RTA00000411F.j.07.1	66963	1	0	0	0	0	0	0	0
1910	RTA00000353R.h.04.1	17123	4	0	0	0	0	0	0	0
1911	RTA00000408F.f.10.2	75309	1	0	0	0	0	0	0	0
1913	RTA00000405F.o.03.1	37575	2	0	0	0	0	0	0	0
1914	RTA00000413F.b.18.1	39873	2	0	0	0	0	0	0	0
1920	RTA00000408F.c.08.1	73473	1	0	0	0	0	0	0	0
1922	RTA00000410F.c.06.1	77784	1	0	0	0	1	0	0	0
1924	RTA00000405F.b.08.1	39182	2	0	0	0	0	0	0	0
1925	RTA00000409F.l.24.1	73174	1	0	0	0	0	0	0	0
1926	RTA00000406F.j.06.1	38952	2	0	0	0	0	0	0	0
1927	RTA00000423F.h.03.1	37903	2	0	0	0	0	0	0	0
1929	RTA00000121A.k.22.1	79523	1	0	0	0	0	0	0	0
1931	RTA00000411F.m.06.1	24195	2	1	0	0	0	0	0	0
1932	RTA00000126A.b.9.1	81279	1	0	0	0	0	0	0	0
1935	RTA00000404F.l.05.1	38671	2	0	0	0	0	0	0	0
1941	RTA00000419F.p.10.1	41448	1	1	0	0	0	0	0	0
1942	RTA00000120A.c.19.1	81016	1	0	0	0	0	0	0	0
1948	RTA00000411F.k.14.1	63987	1	0	0	0	0	0	0	0
1949	RTA00000420F.e.05.1	63908	1	0	0	0	0	0	0	0
1952	RTA00000128A.j.10.1	80085	1	0	0	0	0	0	0	0
1953	RTA00000412F.f.10.2	65405	1	0	0	0	0	0	0	0
1955	RTA00000422F.k.17.1	38955	2	0	0	0	0	0	0	0
1957	RTA00000347F.h.10.1	22779	3	0	0	0	0	0	0	0
1959	RTA00000419F.l.02.1	75736	1	0	0	0	0	0	0	0
1961	RTA00000418F.b.20.1	73560	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
1964	RTA00000408F.n.05.2	77883	1	0	0	0	0	0	0	0
1965	RTA00000419F.o.09.1	66396	1	0	0	0	0	0	0	0
1970	RTA00000422F.o.08.2	26832	2	0	0	0	0	0	0	0
1973	RTA00000418F.m.18.1	76479	1	0	0	0	0	0	0	0
1974	RTA00000347F.e.20.1	39911	2	0	0	0	0	0	0	0
1975	RTA00000419F.e.23.1	65772	1	0	0	0	0	0	0	0
1982	RTA00000411F.g.05.1	64664	1	0	0	0	0	0	0	0
1983	RTA00000404F.h.10.1	37148	2	0	0	0	0	0	0	0
1984	RTA00000422F.n.14.1	26787	2	0	0	0	0	0	0	0
1986	RTA00000120A.m.13.3	80608	1	0	0	0	0	0	0	0
1987	RTA00000412F.i.03.1	65617	1	0	0	0	0	0	0	0
1988	RTA00000418F.l.02.1	39316	2	0	0	0	0	0	0	0
1990	RTA00000411F.j.04.1	66219	1	0	0	0	0	0	0	0
1995	RTA00000404F.a.18.1	36267	2	0	0	0	0	0	0	0
1996	RTA00000408F.l.14.1	12001	2	3	0	0	0	0	0	0
1997	RTA00000405F.d.10.1	39000	2	0	0	0	0	0	0	0
1999	RTA00000418F.h.23.1	75153	1	0	0	0	0	0	0	0
2001	RTA00000418F.j.11.1	73853	1	0	0	0	0	0	0	0
2002	RTA00000408F.o.13.1	74895	1	0	0	0	0	0	0	0
2003	RTA00000419F.o.07.1	14059	1	0	0	0	0	0	0	0
2004	RTA00000419F.n.17.1	63186	1	0	0	0	0	0	0	0
2005	RTA00000403F.f.15.1	22768	3	0	0	0	0	0	0	0
2006	RTA00000408F.d.03.1	22768	3	0	0	0	0	0	0	0
2008	RTA00000346F.f.02.1	62757	1	0	0	0	0	0	0	0
2010	RTA00000413F.i.21.1	64066	1	0	0	0	0	0	0	0
2012	RTA00000419F.h.21.1	64828	1	0	0	0	0	0	0	0
2021	RTA00000121A.a.2.1	81843	1	0	0	0	0	0	0	0
2022	RTA00000527F.g.13.1	36035	2	0	0	0	0	0	0	0
2025	RTA00000426F.h.11.1	75479	1	0	0	0	0	0	0	0
2030	RTA00000522F.b.22.1	75181	1	0	0	0	0	0	0	0
2033	RTA00000522F.a.23.1	38613	2	0	0	0	0	0	0	0
2035	RTA00000523F.b.02.1	65163	1	0	0	0	0	0	0	0
2036	RTA00000425F.j.14.1	73397	1	0	0	0	0	0	0	0
2039	RTA00000522F.e.16.1	75283	1	0	0	0	0	0	0	0
2042	RTA00000523F.h.17.1	65586	1	0	0	0	0	0	0	0
2044	RTA00000522F.p.07.1	76888	1	0	0	0	0	0	0	0
2045	RTA00000522F.n.08.1	76343	1	0	0	0	0	0	0	0
2046	RTA00000425F.c.06.1	78041	1	0	0	0	0	0	0	0
2047	RTA00000427F.b.23.1	64297	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2048	RTA00000527F.p.02.1	36844	2	0	0	0	0	0	0	0
2049	RTA00000427F.d.08.1	63967	1	0	0	0	0	0	0	0
2051	RTA00000426F.m.07.1	63504	1	0	0	0	0	0	0	0
2052	RTA00000427F.c.10.1	65478	1	0	0	0	0	0	0	0
2055	RTA00000424F.m.15.1	73759	1	0	0	0	0	0	0	0
2056	RTA00000426F.f.11.1	63102	1	0	0	0	0	0	0	0
2058	RTA00000426F.f.20.1	65134	1	0	0	0	0	0	0	0
2063	RTA00000527F.i.19.2	38089	2	0	0	0	0	0	0	0
2068	RTA00000523F.e.18.1	62898	1	0	0	0	0	0	0	0
2069	RTA00000527F.k.21.1	36051	2	0	0	0	0	0	0	0
2072	RTA00000522F.n.02.1	74959	1	0	0	0	0	0	0	0
2075	RTA00000425F.f.19.1	32635	1	1	0	0	0	0	0	0
2076	RTA00000528F.e.23.1	19242	3	0	0	0	0	0	0	0
2077	RTA00000522F.n.16.1	26769	1	0	0	0	0	0	0	0
2078	RTA00000427F.c.20.1	26527	1	0	0	0	0	0	0	0
2079	RTA00000527F.k.06.1	12469	3	1	0	0	0	0	0	0
2081	RTA00000523F.i.06.1	66341	1	0	0	0	0	0	0	0
2082	RTA00000427F.f.21.1	36853	2	0	0	0	0	0	0	0
2083	RTA00000427F.j.19.1	41395	1	1	0	0	0	0	0	0
2084	RTA00000522F.b.01.1	75691	1	0	0	0	0	0	0	0
2085	RTA00000424F.i.24.1	79101	1	0	0	0	0	0	0	0
2086	RTA00000523F.c.01.1	65710	1	0	0	0	0	0	0	0
2087	RTA00000427F.b.15.1	66891	1	0	0	0	0	0	0	0
2090	RTA00000522F.j.15.2	76535	1	0	0	0	0	0	0	0
2093	RTA00000426F.f.19.1	66701	1	0	1	0	0	0	0	0
2096	RTA00000523F.i.22.1	64688	1	0	0	0	0	0	0	0
2098	RTA00000425F.i.17.1	43213	1	1	0	0	0	0	0	0
2101	RTA00000425F.p.12.1	73219	1	0	0	0	0	0	0	0
2102	RTA00000427F.j.07.1	64819	1	0	0	0	0	0	0	0
2104	RTA00000527F.i.05.2	37481	2	0	0	0	0	0	0	0
2107	RTA00000523F.k.01.1	41437	1	1	0	0	0	0	0	0
2108	RTA00000425F.j.11.1	76667	1	0	0	0	0	0	0	0
2109	RTA00000424F.b.22.4	72971	1	0	0	0	0	0	0	0
2111	RTA00000525F.a.03.1	36786	2	0	0	0	0	0	0	0
2112	RTA00000527F.i.21.2	37490	2	0	0	0	0	0	0	0
2113	RTA00000424F.a.24.4	73951	1	0	0	0	0	0	0	0
2114	RTA00000522F.k.14.1	74280	1	0	0	0	0	0	0	0
2115	RTA00000522F.n.05.1	73260	1	0	0	0	0	0	0	0
2116	RTA00000523F.c.18.1	66179	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2117	RTA00000523F.b.13.1	66330	1	0	0	0	0	0	0	0
2119	RTA00000527F.p.16.1	23798	2	1	0	0	0	0	0	0
2120	RTA00000425F.c.20.1	73581	1	0	0	0	0	0	0	0
2121	RTA00000424F.i.21.1	73482	1	0	0	0	0	0	0	0
2122	RTA00000523F.j.19.1	65910	1	0	0	0	0	0	0	0
2124	RTA00000424F.b.22.1	72971	1	0	0	0	0	0	0	0
2125	RTA00000527F.b.18.1	37469	2	0	0	0	0	0	0	0
2129	RTA00000525F.e.16.1	36837	2	0	0	0	0	0	0	0
2131	RTA00000522F.d.08.1	74284	1	0	0	0	0	0	0	0
2134	RTA00000527F.g.07.1	37488	2	0	0	0	0	0	0	0
2136	RTA00000525F.b.05.1	21116	2	1	0	0	0	0	0	0
2137	RTA00000425F.n.05.1	73965	1	0	0	0	0	0	0	0
2138	RTA00000523F.d.18.1	64072	1	0	0	0	0	0	0	0
2139	RTA00000525F.a.02.1	37454	2	0	0	0	0	0	0	0
2141	RTA00000426F.h.09.1	78797	1	0	0	0	0	0	0	0
2144	RTA00000427F.g.05.1	63138	1	0	0	0	0	0	0	0
2145	RTA00000424F.m.12.1	77675	1	0	0	0	0	0	0	0
2151	RTA00000427F.h.12.1	36894	2	0	0	0	0	0	0	0
2152	RTA00000523F.c.15.1	36935	2	0	0	0	0	0	0	0
2153	RTA00000427F.k.17.1	64965	1	0	0	0	0	0	0	0
2155	RTA00000424F.c.14.3	76614	1	0	0	0	0	0	0	0
2156	RTA00000522F.k.10.2	77619	1	0	0	0	0	0	0	0
2157	RTA00000424F.m.22.1	72943	1	0	0	0	0	0	0	0
2158	RTA00000527F.h.17.1	37799	2	0	0	0	0	0	0	0
2159	RTA00000527F.c.22.1	37496	2	0	0	0	0	0	0	0
2160	RTA00000425F.k.22.1	78123	1	0	0	0	0	0	0	0
2161	RTA00000424F.m.14.1	77491	1	0	0	0	0	0	0	0
2162	RTA00000522F.k.19.1	32625	1	1	0	0	0	0	0	0
2163	RTA00000523F.i.18.1	64463	1	0	0	0	0	0	0	0
2164	RTA00000425F.j.22.1	73882	1	0	0	0	0	0	0	0
2165	RTA00000527F.g.23.1	37538	2	0	0	0	0	0	0	0
2166	RTA00000426F.m.24.1	63943	1	0	0	0	0	0	0	0
2168	RTA00000425F.d.21.1	78920	1	0	0	0	0	0	0	0
2170	RTA00000424F.d.04.3	76505	1	0	0	0	0	0	0	0
2171	RTA00000424F.d.04.1	76505	1	0	0	0	0	0	0	0
2172	RTA00000427F.c.12.1	66995	1	0	0	0	0	0	0	0
2174	RTA00000527F.l.13.1	36904	2	0	0	0	0	0	0	0
2175	RTA00000522F.h.13.1	40823	1	1	0	0	0	0	0	0
2176	RTA00000424F.l.19.1	75454	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2179	RTA00000427F.a.06.1	66550	1	0	0	0	0	0	0	0
2180	RTA00000525F.c.19.1	38159	2	0	0	0	0	0	0	0
2181	RTA00000523F.f.06.1	62871	1	0	0	0	0	0	0	0
2182	RTA00000424F.h.10.1	72925	1	0	0	0	0	0	0	0
2183	RTA00000522F.a.12.1	33515	1	1	0	0	0	0	0	0
2184	RTA00000522F.h.01.1	75010	1	0	0	0	0	0	0	0
2186	RTA00000425F.e.21.1	77203	1	0	0	0	0	0	0	0
2187	RTA00000523F.f.07.1	62799	1	0	0	0	0	0	0	0
2189	RTA00000424F.j.12.1	73827	1	0	0	0	0	0	0	0
2191	RTA00000523F.d.12.1	64888	1	0	0	0	0	0	0	0
2192	RTA00000523F.e.10.1	62878	1	0	0	0	0	0	0	0
2193	RTA00000425F.f.11.1	79275	1	0	0	0	0	0	0	0
2194	RTA00000426F.m.18.1	62974	1	0	0	0	0	0	0	0
2197	RTA00000522F.g.15.1	76536	1	0	0	0	0	0	0	0
2198	RTA00000522F.n.12.1	74117	1	0	0	0	0	0	0	0
2200	RTA00000424F.d.10.3	73110	1	0	0	0	0	0	0	0
2204	RTA00000527F.c.04.1	23090	3	0	0	0	0	0	0	0
2206	RTA00000527F.h.21.1	37630	2	0	0	0	0	0	0	0
2207	RTA00000425F.c.07.1	76042	1	0	0	0	0	0	0	0
2209	RTA00000525F.c.15.1	7692	2	0	0	0	0	0	0	0
2210	RTA00000424F.d.22.3	76189	1	0	0	0	0	0	0	0
2211	RTA00000523F.h.12.1	65745	1	0	0	0	0	0	0	0
2212	RTA00000522F.g.22.1	77504	1	0	0	0	0	0	0	0
2215	RTA00000522F.j.12.2	74341	1	0	0	0	0	0	0	0
2216	RTA00000523F.i.08.1	65099	1	0	0	0	0	0	0	0
2218	RTA00000425F.j.20.1	26760	1	0	0	0	0	0	0	0
2220	RTA00000427F.f.24.1	64572	1	0	0	0	0	0	0	0
2221	RTA00000527F.a.13.1	37740	2	0	0	0	0	0	0	0
2225	RTA00000424F.a.09.4	77833	1	0	0	0	0	0	0	0
2227	RTA00000525F.f.07.1	37500	2	0	0	0	0	0	0	0
2228	RTA00000424F.j.07.1	79211	1	0	0	0	0	0	0	0
2229	RTA00000424F.m.10.1	34251	1	1	0	0	0	0	0	0
2231	RTA00000522F.g.06.1	78221	1	0	0	0	0	0	0	0
2232	RTA00000424F.h.03.1	74447	1	0	0	0	0	0	0	0
2233	RTA00000424F.n.06.1	74737	1	0	0	0	0	0	0	0
2234	RTA00000427F.c.22.1	63990	1	0	0	0	0	0	0	0
2235	RTA00000424F.k.12.1	77666	1	0	0	0	0	0	0	0
2236	RTA00000425F.f.02.1	76982	1	0	0	0	0	0	0	0
2237	RTA00000427F.h.11.1	26494	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2238	RTA00000425F.j.16.1	75631	1	0	0	0	0	0	0	0
2240	RTA00000427F.f.17.1	63803	1	0	0	0	0	0	0	0
2241	RTA00000522F.o.18.1	76366	1	0	0	0	0	0	0	0
2242	RTA00000427F.j.22.1	66367	1	0	0	0	0	0	0	0
2243	RTA00000426F.p.10.1	65845	1	0	0	0	0	0	0	0
2244	RTA00000522F.m.02.1	76834	1	0	0	0	0	0	0	0
2247	RTA00000425F.e.15.1	75921	1	0	0	0	0	0	0	0
2250	RTA00000424F.n.13.1	74942	1	0	0	0	0	0	0	0
2251	RTA00000424F.g.14.1	74879	1	0	0	0	0	0	0	0
2252	RTA00000426F.e.17.1	64089	1	0	0	0	0	0	0	0
2256	RTA00000427F.g.19.1	64611	1	0	0	0	0	0	0	0
2258	RTA00000522F.c.01.1	74938	1	0	0	0	0	0	0	0
2259	RTA00000522F.g.17.1	76486	1	0	0	0	0	0	0	0
2260	RTA00000523F.j.17.1	63610	1	0	0	0	0	0	0	0
2261	RTA00000522F.n.14.1	73410	1	0	0	0	0	0	1	0
2263	RTA00000523F.e.20.1	65164	1	0	0	0	0	0	0	0
2264	RTA00000424F.c.15.3	73533	1	0	0	0	0	0	0	0
2265	RTA00000426F.p.09.1	66665	1	0	0	0	0	0	0	0
2266	RTA00000522F.p.09.1	75204	1	0	0	0	0	0	0	0
2267	RTA00000426F.m.21.1	64915	1	0	0	0	0	0	0	0
2268	RTA00000425F.j.21.1	77373	1	0	0	0	0	0	0	0
2270	RTA00000523F.h.21.1	41440	1	1	0	0	0	0	0	0
2271	RTA00000427F.h.24.1	65193	1	0	0	0	0	0	0	0
2272	RTA00000425F.f.24.1	40841	1	1	0	0	0	0	0	0
2273	RTA00000425F.m.03.1	76045	1	0	0	0	0	0	0	0
2274	RTA00000426F.m.08.1	63781	1	0	0	0	0	0	0	0
2275	RTA00000523F.d.24.1	64799	1	0	0	0	0	0	0	0
2276	RTA00000523F.c.14.1	66015	1	0	0	0	0	0	0	0
2277	RTA00000523F.b.20.1	66492	1	0	0	0	0	0	0	0
2278	RTA00000522F.h.07.1	75149	1	0	0	0	0	0	0	0
2279	RTA00000527F.g.10.1	37820	2	0	0	0	0	0	0	0
2282	RTA00000427F.i.22.1	63199	1	0	0	0	0	0	0	0
2284	RTA00000527F.n.07.1	15939	2	2	0	0	0	0	0	0
2285	RTA00000425F.e.09.1	75550	1	0	0	0	0	0	0	0
2286	RTA00000427F.h.02.1	63652	1	0	0	0	0	0	0	0
2287	RTA00000426F.f.16.1	65613	1	0	0	0	0	0	0	0
2288	RTA00000425F.i.21.1	75305	1	0	0	0	0	0	0	0
2289	RTA00000427F.k.19.1	62851	1	0	0	0	0	0	0	0
2291	RTA00000426F.g.16.1	41446	1	1	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2292	RTA00000527F.l.05.1	13016	4	0	0	1	1	0	0	0
2293	RTA00000426F.m.02.1	66237	1	0	0	0	0	0	0	0
2296	RTA00000522F.l.22.1	75801	1	0	0	0	0	0	0	0
2297	RTA00000427F.h.19.1	63047	1	0	0	0	0	0	0	0
2299	RTA00000522F.g.21.1	77310	1	0	0	0	0	0	0	0
2301	RTA00000522F.g.20.1	77688	1	0	0	0	0	0	0	0
2304	RTA00000425F.k.20.1	74048	1	0	0	0	0	0	0	0
2306	RTA00000522F.b.07.1	78634	1	0	0	0	0	0	0	0
2307	RTA00000426F.g.19.1	63672	1	0	0	0	0	0	0	0
2308	RTA00000525F.d.19.1	36860	2	0	0	0	0	0	0	0
2310	RTA00000427F.d.10.1	40685	1	1	0	0	0	0	0	0
2313	RTA00000424F.a.05.4	77976	1	0	0	0	0	0	0	0
2315	RTA00000424F.a.05.1	77976	1	0	0	0	0	0	0	0
2316	RTA00000522F.l.15.1	74691	1	0	0	0	0	0	0	0
2317	RTA00000425F.e.02.1	76143	1	0	0	0	0	0	0	0
2318	RTA00000525F.c.11.1	37895	2	0	0	0	0	0	0	0
2320	RTA00000522F.c.14.1	75449	1	0	0	0	0	0	0	0
2321	RTA00000424F.m.08.1	19402	1	2	0	0	0	0	0	0
2322	RTA00000527F.f.18.1	37577	2	0	0	0	0	0	0	0
2324	RTA00000522F.a.06.1	73662	1	0	0	0	0	0	0	0
2327	RTA00000522F.d.23.1	73868	1	0	0	0	0	0	0	0
2330	RTA00000523F.j.10.1	63384	1	0	0	0	0	0	0	0
2331	RTA00000527F.p.08.1	36013	2	0	0	0	0	0	0	0
2333	RTA00000426F.f.17.1	66334	1	0	0	0	0	0	0	0
2334	RTA00000523F.j.21.1	36925	2	0	0	0	0	0	0	0
2339	RTA00000523F.a.01.1	74923	1	0	0	0	0	0	0	0
2341	RTA00000427F.j.06.1	63676	1	0	0	0	0	0	0	0
2342	RTA00000424F.m.04.1	79017	1	0	0	0	0	0	0	0
2343	RTA00000523F.i.17.1	65779	1	0	0	0	0	0	0	0
2346	RTA00000525F.c.18.1	24208	2	1	0	0	0	0	0	0
2347	RTA00000527F.e.09.1	37521	2	0	0	0	0	0	0	0
2348	RTA00000424F.j.08.1	73972	1	0	0	0	0	0	0	0
2350	RTA00000527F.c.09.1	64859	1	0	0	0	0	0	0	0
2353	RTA00000523F.c.03.1	36913	2	0	0	0	0	0	0	0
2354	RTA00000427F.k.21.1	62880	1	0	0	0	0	0	0	0
2356	RTA00000427F.d.09.1	66486	1	0	0	0	0	0	0	0
2357	RTA00000426F.n.17.1	66572	1	0	0	0	0	0	0	0
2360	RTA00000426F.m.03.1	66480	1	0	0	0	0	0	0	0
2361	RTA00000424F.h.06.1	77552	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2362	RTA00000425F.d.06.1	77660	1	0	0	0	0	0	0	0
2363	RTA00000427F.e.12.1	62813	1	0	0	0	0	0	0	0
2366	RTA00000426F.n.23.1	18176	1	0	0	0	0	0	0	0
2367	RTA00000522F.m.19.1	41544	1	1	0	0	0	0	0	0
2368	RTA00000522F.a.05.1	32611	1	1	0	0	0	0	0	0
2369	RTA00000427F.i.09.1	65916	1	0	0	0	0	0	0	0
2370	RTA00000424F.j.09.1	74387	1	0	0	0	0	0	0	0
2371	RTA00000424F.n.11.1	73874	1	0	0	0	0	0	0	0
2373	RTA00000527F.e.13.1	37588	2	0	0	0	0	0	0	0
2375	RTA00000425F.j.19.1	77925	1	0	0	0	0	0	0	0
2376	RTA00000522F.g.12.1	78783	1	0	0	0	0	0	0	0
2377	RTA00000523F.a.07.1	75804	1	0	0	0	0	0	0	0
2378	RTA00000425F.e.19.1	73409	1	0	0	0	0	0	0	0
2379	RTA00000425F.n.19.1	78324	1	0	0	0	0	0	0	0
2384	RTA00000427F.k.07.1	63742	1	0	0	0	0	0	0	0
2387	RTA00000522F.a.17.1	79032	1	0	0	0	0	0	0	0
2388	RTA00000527F.l.19.1	36856	2	0	0	0	0	0	0	0
2389	RTA00000424F.i.11.1	41569	1	1	0	0	0	0	0	0
2391	RTA00000424F.d.19.3	73180	1	0	0	0	0	0	0	0
2392	RTA00000522F.j.09.2	78522	1	0	0	0	0	0	0	0
2393	RTA00000424F.m.24.1	77045	1	0	0	0	0	0	0	0
2394	RTA00000522F.j.19.2	76224	1	0	0	0	0	0	0	0
2398	RTA00000527F.j.12.2	37503	2	0	0	0	0	0	0	0
2399	RTA00000522F.g.11.1	75432	1	0	0	0	0	0	0	0
2400	RTA00000522F.k.02.2	77622	1	0	0	0	0	0	0	0
2401	RTA00000427F.e.13.1	66080	1	0	0	0	0	0	0	0
2402	RTA00000426F.f.18.1	63271	1	0	0	0	0	0	0	0
2403	RTA00000427F.a.12.1	63377	1	0	0	0	0	0	0	0
2404	RTA00000424F.b.23.4	77322	1	0	0	0	0	0	0	0
2408	RTA00000427F.f.02.1	36822	2	0	0	0	0	0	0	0
2410	RTA00000424F.i.15.1	78043	1	0	0	0	0	0	0	0
2412	RTA00000522F.m.03.1	79194	1	0	0	0	0	0	0	0
2413	RTA00000522F.a.20.1	74070	1	0	0	0	0	0	0	0
2414	RTA00000424F.b.15.4	74958	1	0	0	0	0	0	0	0
2415	RTA00000527F.g.14.1	37532	2	0	0	0	0	0	0	0
2416	RTA00000522F.d.06.1	74809	1	0	0	0	0	0	0	0
2418	RTA00000427F.e.10.1	64599	1	0	0	0	0	0	0	0
2419	RTA00000527F.c.16.1	22908	3	0	0	0	0	0	0	0
2421	RTA00000523F.f.17.1	63984	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2423	RTA00000527F.p.24.1	36832	2	0	0	0	0	0	0	0
2424	RTA00000425F.n.17.1	78304	1	0	0	0	0	0	0	0
2426	RTA00000425F.e.07.1	75992	1	0	0	0	0	0	0	0
2428	RTA00000523F.h.08.1	62893	1	0	0	0	0	0	0	0
2429	RTA00000522F.o.10.1	78798	1	0	0	0	0	0	0	0
2430	RTA00000425F.l.10.1	26893	1	0	0	0	0	0	0	0
2431	RTA00000427F.f.16.1	64122	1	0	0	0	0	0	0	0
2434	RTA00000425F.i.10.1	78736	1	0	0	0	0	0	0	0
2435	RTA00000426F.m.12.1	63740	1	0	0	0	0	0	0	0
2436	RTA00000527F.g.12.1	37746	2	0	0	0	0	0	0	0
2439	RTA00000425F.i.18.1	42255	1	1	0	0	0	0	0	0
2441	RTA00000424F.j.13.1	74485	1	0	0	0	0	0	0	0
2445	RTA00000424F.k.10.1	73232	1	0	0	0	0	0	0	0
2446	RTA00000522F.i.07.2	78377	1	0	0	0	0	0	0	0
2448	RTA00000522F.b.08.1	26915	1	0	0	0	0	0	0	0
2449	RTA00000522F.l.08.1	78781	1	0	0	0	0	0	0	0
2450	RTA00000525F.a.14.1	37566	2	0	0	0	0	0	0	0
2451	RTA00000424F.g.08.1	74928	1	0	0	0	0	0	0	0
2452	RTA00000425F.l.09.1	75251	1	0	0	0	0	0	0	0
2453	RTA00000522F.o.20.1	74853	1	0	0	0	0	0	0	0
2454	RTA00000527F.j.04.2	11809	3	1	0	0	0	0	0	0
2456	RTA00000523F.c.13.1	40668	1	1	0	0	0	0	0	0
2457	RTA00000427F.i.21.1	65540	1	0	0	0	0	0	0	0
2459	RTA00000522F.h.02.1	74947	1	0	0	0	0	0	0	0
2460	RTA00000522F.g.10.1	74294	1	0	0	0	0	0	0	0
2464	RTA00000425F.k.16.1	75282	1	0	0	0	0	0	0	0
2465	RTA00000525F.b.09.1	23472	2	1	0	0	0	0	0	0
2466	RTA00000522F.j.08.2	76613	1	0	0	0	0	0	0	0
2468	RTA00000523F.f.19.1	34169	1	1	0	0	0	0	0	0
2469	RTA00000425F.j.18.1	75561	1	0	0	0	0	1	0	0
2470	RTA00000426F.m.04.1	36865	2	0	0	0	0	0	0	0
2471	RTA00000527F.g.21.1	36028	2	0	0	0	0	0	0	0
2473	RTA00000525F.a.22.1	36848	2	0	0	0	0	0	0	0
2474	RTA00000522F.p.22.1	73322	1	0	0	0	0	0	0	0
2475	RTA00000424F.d.12.2	74342	1	0	0	0	0	0	0	0
2476	RTA00000424F.g.24.1	79156	1	0	0	0	0	0	0	0
2477	RTA00000427F.a.10.1	65370	1	0	0	0	0	0	0	0
2478	RTA00000426F.h.20.1	23187	3	0	0	0	0	0	0	0
2479	RTA00000424F.d.12.3	74342	1	0	0	0	0	0	0	0

SEQ ID NO:	Sequence Name	cluster	lib 1 clones	lib 2 clones	lib 15 clones	lib 16 clones	lib 17 clones	lib 18 clones	lib 19 clones	lib 20 clones
2480	RTA00000425F.c.03.1	74643	1	0	0	0	0	0	0	0
2481	RTA00000523F.f.16.1	26522	1	0	0	0	0	0	0	0
2482	RTA00000427F.f.15.1	66734	1	0	0	0	0	0	0	0
2485	RTA00000522F.p.18.1	76376	1	0	0	0	0	0	0	0
2493	RTA00000522F.g.18.1	73226	1	0	0	0	0	0	0	0
2495	RTA00000522F.h.05.1	73358	1	0	0	0	0	0	0	0
2497	RTA00000425F.n.16.1	18265	1	0	0	0	0	0	0	0
2498	RTA00000527F.l.21.1	36439	2	0	0	0	0	0	0	0
2501	RTA00000424F.d.17.3	73958	1	0	0	0	0	0	0	0
2502	RTA00000523F.j.02.1	62853	1	0	0	0	0	0	0	0

Table 21. Clones Deposited on January 22, 1999

cDNA Library Ref No.	cDNA ES17	cDNA ES18	cDNA ES19
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
Clone Names in Library			
	M00001368A:D07	M00001594A:D06	M00003906A:F04
	M00003917A:D02	M00001613D:H10	M00003908A:F12
	M00001673A:A04	M00001596D:E10	M00003914A:G09
	M00003868B:G11	M00001592C:G04	M00003915C:H04
	M00003917C:D03	M00001599D:A09	M00003905D:B08
	M00003791C:E09	M00001619B:A09	M00003908C:G09
	M00003870A:C05	M00001593B:E11	M00003914B:A11
	M00003922A:D02	M00001605A:E06	M00003916C:C05
	M00003861C:H02	M00001608A:D03	M00003959A:A03
	M00003931B:A11	M00001616C:A02	M00003905D:C08
	M00001679D:B05	M00001617A:D06	M00003908D:D12
	M00001679C:D05	M00001595C:E01	M00003901B:H04
	M00001687A:G01	M00001616C:A11	M00004031A:E01
	M00003945A:E09	M00001608C:E11	M00004029C:C12
	M00003908A:H09	M00001610C:E06	M00003911A:F10
	M00001649B:G12	M00001612B:D11	M00003914C:F09
	M00003813D:H12	M00001618B:E05	M00003963D:B05
	M00004087C:D03	M00001621C:C10	M00003986C:E09
	M00004269B:C08	M00001647A:H08	M00004031A:F07
	M00004348A:A02	M00001631D:B10	M00003907C:C02
	M00001679C:D01	M00001608D:E09	M00003911B:F08
	M00001490A:E11	M00001641B:C10	M00003914C:H05
	M00001387A:E10	M00001641D:E02	M00003918C:C12
	M00001397B:G03	M00001630D:H10	M00003914C:C02
	M00001441D:E04	M00001585C:D10	M00003914A:E04
	M00001352C:G09	M00001560A:H10	M00003903B:D03
	M00001370D:A12	M00001573B:C06	M00003905A:F09
	M00001387B:A06	M00001660C:D11	M00003867C:E11
	M00001397C:A10	M00001641C:C05	M00003870B:B08
	M00001536D:G02	M00001578B:B05	M00003879D:A08
	M00003895C:A10	M00001587C:C10	M00003891D:B10
	M00001464B:B03	M00001590B:C07	M00003901C:A08
	M00004370A:G05	M00001554A:E04	M00003903C:C04
	M00001490B:H11	M00001570C:G06	M00003905A:F10
	M00001530B:D10	M00001576A:B09	M00003906C:D06
	M00001579C:E09	M00001582A:H01	M00003907D:A12
	M00001587A:H03	M00001582B:E12	M00003905C:G11
	M00001457C:H12	M00001615B:F07	M00003914D:D10
	M00001535C:E01	M00001571C:A04	M00003972A:G09
	M00001561D:C05	M00001573D:D10	M00003975D:C06
	M00001589A:C01	M00001576A:F11	M00003905C:B02
	M00001664D:G07	M00001579C:G05	M00003907D:F11
	M00001565A:H09	M00001582D:A02	M00003914A:G06
	M00001381C:B08	M00001589B:E07	M00003914D:E03
	M00001395C:F11	M00001575B:B02	M00003972C:F08
	M00001429D:F11	M00001578C:G06	M00003976C:D06
	M00001449A:F01	M00001591A:B08	M00003907C:C04
	M00001391C:H02	M00001607A:F11	M00003905B:C06
	M00001429D:H12	M00001579C:E06	M00004088C:A12
	M00001450A:G11	M00001661C:F11	M00004103C:D04
	M00001344B:F12	M00001650B:C10	M00004107A:D01

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00001391D:C06	M00001654C:E04	M00004110A:E04
	M00003971A:A06	M00001656B:A08	M00004062A:H06
	M00001346A:E04	M00001662C:B02	M00004075D:C10
	M00001455C:G07	M00001656B:D05	M00004081D:H09
	M00001402D:F02	M00001661C:F10	M00004089A:B08
	M00001438D:C06	M00001663A:C11	M00004103D:F10
	M00001349B:G05	M00001669A:C10	M00004107B:B04
	M00001389C:A08	M00001651B:B12	M00004032C:B02
	M00001439B:A10	M00001653B:E06	M00004078C:F04
	M00001455B:A09	M00001659C:F02	M00004038B:H10
	M00001441B:D11	M00001661B:F03	M00004089A:E02
	M00001453A:B01	M00001663C:F10	M00004096B:F05
	M00001456D:E08	M00001669A:G12	M00004104C:H12
	M00001399A:C03	M00001674D:C10	M00004110D:A10
	M00004496C:H03	M00001651B:E06	M00004036D:F02
	M00004135D:G02	M00001651C:C05	M00004088C:E04
	M00004692A:E07	M00001657C:C07	M00004104D:A04
	M00004374D:E10	M00001662A:C12	M00004107D:E12
	M00004405D:C04	M00001663D:C06	M00004115D:D08
	M00004312B:H07	M00001590B:C05	M00003846A:D03
	M00003976C:A10	M00001483C:G06	M00004072C:F08
	M00004043A:D02	M00001653A:G07	M00004039B:G08
	M00004081C:H06	M00001625B:C10	M00003986D:D02
	M00004050D:A06	M00001626C:D12	M00003914A:B07
	M00001361B:C07	M00001634D:D02	M00003914D:B02
	M00004341B:G03	M00001641C:C06	M00003971B:B07
	M00001342B:E01	M00001642D:F02	M00003978C:A03
	M00004064D:A11	M00001647B:E04	M00003983B:C08
	M00004087A:G08	M00001632B:E05	M00004033D:D07
	M00004344B:H04	M00001639A:C11	M00004072D:H12
	M00004497A:H03	M00001642D:G10	M00004077B:H11
	M00001338C:E10	M00001624A:G11	M00004080A:F01
	M00001366D:E12	M00001626C:G08	M00004092C:B03
	M00001390D:E03	M00001672D:D04	M00004037B:C04
	M00001413B:H09	M00001639A:H06	M00004073C:D04
	M00004271B:B06	M00001662C:A04	M00004081A:A08
	M00004151D:E03	M00001641B:B01	M00004085B:B05
	M00001660B:C04	M00001673C:A02	M00004090C:C07
	M00003802D:B11	M00001650A:A12	M00004086D:B09
	M00001579C:E08	M00001659D:D03	M00004088D:B03
	M00001557D:C08	M00001661B:B05	M00004090C:C10
	M00003779B:E12	M00001671D:E10	M00004102C:D09
	M00001638A:D10	M00001652D:A06	M00004105C:E09
	M00003794A:B03	M00001654C:D05	M00004035A:G10
	M00001616C:F07	M00001656A:B07	M00003906A:H07
	M00001679A:F01	M00001647B:C09	M00004083B:G03
	M00001604C:E09	M00001635A:C06	M00001675B:E02
	M00001653B:E09	M00001482D:A04	M00003793C:D09
	M00001585A:F07	M00001485C:B10	M00003762B:H09
	M00003811D:A12	M00001457D:A07	M00001694C:F12
	M00001653C:F12	M00001461A:E05	M00001678D:C11
	M00001679D:F06	M00001477A:G07	M00001677D:B07

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00003751D:B02	M00001479D:H03	M00001677B:A02
	M00003801A:B10	M00001482C:D02	M00001675B:H03
	M00003844C:A08	M00001484D:G05	M00003808D:D04
	M00001636C:C01	M00001459B:D03	M00003752B:C02
	M00001669C:B01	M00001464B:C11	M00003819D:B11
	M00003755A:A09	M00001511A:A05	M00001677D:B02
	M00003798D:H08	M00001477B:C02	M00001694C:G04
	M00001444C:D05	M00001471A:D04	M00003789C:F06
	M00004040B:F10	M00001485C:H10	M00001678C:C06
	M00001355A:C12	M00001485D:E05	M00001675B:D02
	M00001401A:H07	M00001487C:G03	M00003750C:H05
	M00001393B:B09	M00001514A:B04	M00001694A:B12
	M00001409D:F11	M00001530C:G10	M00001677B:H06
	M00001387B:H07	M00001534A:G06	M00001675C:G01
	M00001394C:C11	M00001539A:C12	M00001675B:C01
	M00001344A:H07	M00001547A:F11	M00003857B:F07
	M00001490C:D07	M00001550D:A04	M00003812B:D07
	M00001352C:F06	M00001460A:F07	M00001694B:B08
	M00001476D:G03	M00001472C:A01	M00001677B:E06
	M00001399C:D09	M00001481B:A07	M00004037A:E04
	M00001347C:G08	M00001456D:F05	M00003870A:H01
	M00001453D:G12	M00001456D:G11	M00003842C:D11
	M00001382A:F04	M00001477D:F10	M00003828B:F09
	M00001392D:H04	M00001481A:G06	M00003856C:H09
	M00001429C:G12	M00001464A:B03	M00003851A:C10
	M00001454A:C11	M00001469A:G11	M00003841C:E04
	M00001517B:G08	M00001478B:D07	M00003837C:G08
	M00001535A:D02	M00001473A:C11	M00003828B:E07
	M00001352A:E12	M00001457A:G03	M00003772C:B12
	M00001381B:F06	M00001669B:G02	M00001677D:F03
	M00004117A:D11	M00001479D:G06	M00001678B:B12
	M00004217C:D03	M00001473D:B11	M00001678D:G03
	M00004270A:F11	M00001475A:A12	M00001675C:F01
	M00003996A:A06	M00001460A:G07	M00003809A:H04
	M00004056B:D09	M00001464A:D03	M00003771D:G05
	M00004142A:B12	M00001473D:G01	M00001678A:F05
	M00001396D:B03	M00001476D:C05	M00001677B:B06
	M00001370D:E12	M00001484A:A10	M00003794A:E12
	M00001390C:C11	M00001457C:F02	M00003771B:E05
	M00003989A:H11	M00001459B:A12	M00001678A:A11
	M00001426A:A09	M00001464A:E07	M00003805B:C04
	M00004498D:D05	M00001467A:B03	M00001680B:E10
	M00001391B:G12	M00001514A:B08	M00001679B:H07
	M00001391D:D10	M00001464A:B07	M00003904D:B12
	M00001376B:A02	M00001579A:C03	M00003856C:B08
	M00001405B:D07	M00001517A:G08	M00003858D:G06
	M00001368A:A03	M00001530B:G09	M00003870B:F04
	M00001392D:B11	M00001538A:F12	M00003871C:B05
	M00003900D:B10	M00001540C:B03	M00003875A:C04
	M00001494B:C01	M00001547A:F06	M00003901B:A09
	M00001352C:A05	M00001550A:F07	M00003901C:D03
	M00001408B:G06	M00001567B:G11	M00003904C:B06

cDNA Library Ref No. ATCC Accession No.	cDNA ES17 ATCC No.	cDNA ES18 ATCC No.	cDNA ES19 ATCC No.
	M00004252C:E03	M00001572A:A10	M00003901C:F09
	M00003901C:A03	M00001575B:G01	M00003904D:B10
	M00004071D:A10	M00001487D:C11	M00003850D:H11
	M00001377B:H01	M00001577B:A03	M00003902B:D06
	M00003939A:A02	M00001539D:E10	M00003879A:C01
	M00004250D:D10	M00001587A:F05	M00003877D:G05
	M00004290A:B03	M00001560A:F03	M00003881D:C12
	M00003911D:B04	M00001569B:G11	M00003903A:H09
	M00004128B:G01	M00001573A:A06	M00003905A:A06
	M00004142A:D08	M00001575D:A10	M00003875D:D09
	M00003977A:E04	M00001583A:D01	M00003879B:A06
	M00004236C:D10	M00001587A:F08	M00003823D:G05
	M00004388B:A08	M00001590B:B02	M00003763A:C01
	M00004409B:A11	M00001553A:E07	M00003903B:C02
	M00003965A:B11	M00001560A:H06	M00003905A:E07
	M00003988A:E10	M00001589C:A11	M00003867A:D12
	M00004138A:H09	M00001538A:C08	M00003857C:C09
	M00003933C:D06	M00001531A:H03	M00003829C:D10
	M00004193C:G11	M00001548A:G01	M00003839D:E02
	M00004039C:C01	M00001531A:H07	M00003841C:F03
	M00003924B:D04	M00001542A:E04	M00003903D:C06
	M00004375C:D01	M00001487A:F10	M00003852D:E08
		M00001503C:G05	M00003845D:A09
		M00001511A:G08	M00003824A:G10
		M00001539A:H12	M00003841C:F06
		M00001542A:F06	M00003848A:C09
		M00001549A:F01	M00003857C:F11
		M00001514A:A12	M00003816C:C01
		M00001516A:D05	M00003843A:E08
		M00001546C:C07	M00003850A:F06
		M00001549A:H11	M00003813B:A11
		M00001538A:D03	M00003855C:F10
		M00001544A:C09	M00003850D:B05
		M00001546B:F12	M00003841D:F06
		M00001550A:D09	M00003858B:G05
		M00001487B:F02	M00003854D:A12
		M00001513A:G07	M00003857C:G01
		M00001530A:F12	M00003816C:E09
		M00001538A:D12	M00003813A:G04
		M00001587A:G06	M00003850D:A05
		M00001551A:D04	
		M00001485B:C03	

Table 22. Clones Deposited on January 22, 1999

cDNA Ref No.: ATCC Accession No. Clone Names in Library	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004891D:A07	M00001623B:G07	M00001550D:H02
	M00004118B:C11	M00001619D:G05	M00001549C:D02
	M00004105A:B10	M00001616C:C09	M00001549A:A09
	M00004099A:F11	M00001615C:F03	M00001548A:B11
	M00004037C:D07	M00001614D:D09	M00001546C:G10
	M00004033D:C05	M00001608B:A03	M00001544C:C06
	M00003983D:A09	M00001607D:F07	M00003820B:C05
	M00004029B:H08	M00001623D:C10	M00001543A:H12
	M00004927A:A02	M00001599B:E09	M00001540C:B10
	M00003983C:F10	M00001632C:C09	M00001552B:G05
	M00003980B:C06	M00001605C:D12	M00001543C:F01
	M00004033D:B07	M00001625D:C07	M00001552D:G08
	M00004034C:E08	M00001629B:E06	M00001554B:B07
	M00005100B:H07	M00001594A:B12	M00001555A:B01
	M00005136A:D10	M00001632C:A02	M00001557A:F01
	M00005173D:H02	M00001567C:H12	M00001558A:E11
	M00004891D:C11	M00001635C:A03	M00001561C:E11
	M00004101A:F07	M00001636C:H09	M00001571D:B11
	M00003982B:B06	M00001638A:E07	M00001563B:D11
	M00004108C:E01	M00001639A:F10	M00001569C:B06
	M00005136D:B07	M00001656C:G08	M00001539B:H06
	M00004118D:A11	M00001632A:F12	M00001571B:E03
	M00005102C:C01	M00001557A:D02	M00001561D:C11
	M00005177C:A01	M00001529B:C04	M00001487C:D06
	M00004927C:H11	M00001534B:C12	M00001454B:D08
	M00005174D:B02	M00001535D:C01	M00003772D:E10
	M00004027A:D06	M00001536D:A12	M00001573C:D03
	M00005217A:G10	M00001540B:C09	M00001454D:E05
	M00003984A:B06	M00001540D:D02	M00001455D:F09
	M00003851C:D07	M00001541C:B07	M00001457C:C11
	M00003959C:G06	M00001546B:B02	M00001459B:C09
	M00005100B:G11	M00001575B:C09	M00001460A:E01
	M00005213C:G01	M00001554B:C07	M00001460C:H02
	M00003982B:H07	M00001578D:C04	M00001456A:H02
	M00004029C:B03	M00001557C:H07	M00001477B:F04
	M00004033D:G06	M00001558B:D08	M00003845D:B04
	M00004091B:H09	M00001560D:A03	M00001488A:E01
	M00003959D:A04	M00001561C:F06	M00001492D:A11
	M00004030D:B06	M00001564D:C09	M00001496C:G10
	M00004034C:C06	M00003748B:F02	M00001499A:A05
	M00004030C:D12	M00001570D:A03	M00001500A:B02
	M00003982C:H10	M00001660C:B12	M00001500D:E10
	M00003971C:F09	M00001577B:H02	M00001513D:A03
	M00004031B:A06	M00001548A:A08	M00001528A:C11
	M00003966B:D02	M00003868B:D12	M00001528C:H04
	M00004028B:G08	M00001718D:F07	M00001531B:E09
	M00004031C:H10	M00003829C:A11	M00001463A:F06
	M00004076D:B09	M00003832B:E01	M00003755A:B03

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004092D:B11	M00003842B:D09	M00001653B:G07
	M00003981C:F05	M00003845A:H12	M00001654D:G11
	M00004031D:F05	M00003847B:G03	M00001656B:A07
	M00004097B:D03	M00003847C:E09	M00001664B:D06
	M00003986D:G07	M00003853D:G08	M00001664C:H10
	M00004033B:C02	M00003828A:E04	M00001680B:C01
	M00004037B:A04	M00003867C:H09	M00001681A:F03
	M00004092C:B12	M00003822A:F02	M00001684B:G03
	M00005140D:G09	M00003868C:H10	M00001771A:A07
	M00004897D:G05	M00003871A:A05	M00003774C:D02
	M00004960B:D12	M00003879C:G10	M00003754D:D02
	M00005134C:G04	M00003880C:F10	M00001640B:F03
	M00005139A:F01	M00003881D:D06	M00003763B:H01
	M00005176A:C12	M00003884D:G07	M00003812C:A05
	M00005178A:A07	M00003887A:A06	M00003803C:D09
	M00005212A:A02	M00003889A:D10	M00003801B:B10
	M00005229D:H07	M00003889D:B09	M00003798D:E03
	M00004115C:H04	M00003858D:F12	M00003773B:G01
	M00004687A:C03	M00003774B:B08	M00003771A:G10
	M00004900C:E11	M00001680D:D02	M00001452A:E07
	M00004695B:E04	M00001528A:F09	M00004029B:F11
	M00005134D:A06	M00003748A:B07	M00003751B:A05
	M00004103B:B07	M00001655A:F06	M00001609B:A11
	M00005177A:B06	M00003750A:D01	M00001573D:F10
	M00005178A:A08	M00003761D:E02	M00001579C:B11
	M00004104D:B05	M00003763D:E10	M00001579C:H10
	M00004117B:G01	M00003768A:E02	M00001579D:G07
	M00004900D:B10	M00003829B:G03	M00001583B:E10
	M00005134D:H03	M00003772A:D07	M00001586D:E02
	M00005173C:A02	M00001661B:C08	M00001587D:A10
	M00005177A:H09	M00003778A:D08	M00001589A:D12
	M00005178B:H01	M00003799A:D09	M00001590C:H08
	M00005216C:B09	M00003800A:C09	M00001651B:A11
	M00003826B:E11	M00003804A:H04	M00001597A:E12
	M00001596A:G06	M00003806D:G05	M00001649C:B10
	M00005100B:D02	M00003808C:B05	M00001614A:E06
	M00005137A:E01	M00003811A:E03	M00001615C:D02
	M00004119A:A06	M00003815D:H09	M00001621D:D03
	M00004891D:E07	M00003818B:G12	M00001623D:G03
	M00004958B:D01	M00003769B:D03	M00001624A:F09
	M00005102C:F09	M00001390A:A09	M00001624C:A06
	M00005136D:C01	M00001432A:E06	M00001630B:A11
	M00005174D:H02	M00001381A:D02	M00001634B:C10
	M00005177C:B04	M00001383A:G04	M00001639D:B07
	M00005218B:D09	M00001384C:E03	M00001573D:F04
	M00004102C:F03	M00001384C:F12	M00001595B:A09
	M00004114B:D09	M00001384D:H07	M00004156B:A12
	M00004119D:A07	M00001385B:F10	M00004319D:G09
	M00004895C:G05	M00001385C:H11	M00004096A:G02
	M00004235A:A12	M00001386A:C02	M00004101C:G08

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00005134B:E01	M00001372C:F07	M00004102A:H02
	M00004115C:G03	M00001389D:G11	M00004108A:A09
	M00005175B:H04	M00001371D:G01	M00004111D:D11
	M00005214B:D11	M00001392C:D10	M00004115D:C08
	M00004102D:B05	M00001392D:H06	M00004118D:E08
	M00004115A:B12	M00001397B:B09	M00004121C:F06
	M00004119D:H06	M00001398A:G03	M00004131B:H09
	M00004897D:F03	M00001400A:F06	M00004141D:A09
	M00004960B:A09	M00001410B:G05	M00004090A:F09
	M00005134C:E11	M00001413A:F02	M00004146A:C08
	M00005138B:D12	M00001415B:E09	M00004078B:A11
	M00005176A:A05	M00001425A:C11	M00004176B:E08
	M00005214C:A09	M00001386A:D11	M00004188C:A09
	M00004102C:D01	M00001354C:B06	M00004233C:H09
	M00004960B:A08	M00001339D:G02	M00004241D:F11
	M00001476D:A09	M00001660A:C12	M00004246C:A09
	M00001572A:B06	M00001528A:A01	M00004247C:C12
	M00005217D:F12	M00001343D:C04	M00004248B:E08
	M00005233A:G08	M00001347B:E01	M00004257C:H06
	M00005236B:F10	M00001348A:D04	M00004260D:C12
	M00005259B:C01	M00001349C:C05	M00004295B:D02
	M00005254D:B08	M00001350A:D06	M00004040D:F01
	M00005259C:B05	M00001352D:C05	M00004142D:E10
	M00001575A:D06	M00001380C:E05	M00003853D:D03
	M00005259D:H08	M00001354B:B10	M00003860D:H07
	M00003813C:D08	M00001380C:F02	M00003878C:E04
	M00001530D:E06	M00001354C:C10	M00003879A:G05
	M00004891B:B12	M00001355B:G11	M00003880B:C08
	M00001596B:C11	M00001356D:F06	M00003881A:D09
	M00004300C:H09	M00001360D:E11	M00003881C:G09
	M00001486D:D12	M00001361C:H11	M00003901B:A05
	M00001585D:F03	M00001362C:A10	M00003904D:D10
	M00001596B:D09	M00001363C:H02	M00003905C:G10
	M00001570D:E06	M00001366D:G02	M00003906B:F12
	M00001582C:E01	M00001369A:H12	M00003909A:H04
	M00001586C:E06	M00001352D:D02	M00004091B:D11
	M00001593B:D10	M00001485D:B10	M00003963A:E03
	M00001595C:H11	M00001457B:E03	M00004353C:H07
	M00001596B:H05	M00001457C:C12	M00003919A:A10
	M00001576A:C11	M00001458C:E01	M00003938A:B04
	M00001596C:F09	M00001462B:A10	M00003939C:F04
	M00001567A:H05	M00001464D:F06	M00003946D:C11
	M00001585D:D11	M00001467D:H05	M00003979A:F03
	M00004688A:A02	M00001468B:H06	M00003985C:F01
	M00004927A:E06	M00001505C:H01	M00003997B:G07
	M00005229D:H09	M00001470A:H01	M00003860D:A01
	M00004117B:A12	M00001457A:B07	M00004035A:A04
	M00004187D:G09	M00001479B:A01	M00004042D:H02
	M00005173B:F01	M00001469D:D02	M00004073B:B01
	M00005218A:G05	M00001487A:A05	M00003946A:H10

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES20 ATCC No.	cDNA Ref No. ES27 ATCC No.	cDNA Ref ES28 ATCC No.
	M00004118A:H08	M00001352C:H02	M00001423D:A09
	M00005134A:D11	M00001488D:C10	M00004314B:G07
	M00005176C:C09	M00001490C:C12	M00001405D:D11
	M00005230D:F06	M00001493B:D09	M00001408A:H04
	M00005234D:B04	M00001504D:D11	M00001408D:D04
	M00005101C:E09	M00001376B:C06	M00001411D:F05
	M00004206A:E02	M00001506B:D09	M00001412A:E04
	M00001570C:A05	M00001511B:C06	M00001413A:F03
	M00005231A:H04	M00001476B:F10	M00001417B:C04
	M00005235A:A03	M00001450D:D04	M00001417D:A04
	M00004118B:B04	M00001433A:G07	M00001418B:F07
	M00005136D:D06	M00001470C:B10	M00001419D:C10
	M00005231C:B01	M00001437D:C04	M00001402B:F12
	M00004153B:B03	M00001447C:C01	M00001423A:G05
	M00004897C:D06	M00001448B:F06	M00001401C:H03
	M00005136D:G06	M00001449D:A06	M00001423D:D12
	M00005212B:A02	M00001433B:H11	M00001424B:H04
	M00005232A:C10	M00001451D:C10	M00001428B:A09
	M00004692A:H10	M00001452A:C07	M00001430A:A02
	M00005101C:B09	M00001453C:A11	M00001432D:F05
	M00004144A:F04	M00001456B:C09	M00001438B:B09
	M00003852B:D11	M00001454B:G03	M00001445B:E04
	M00001660D:E05	M00001454B:G07	M00001445C:A08
	M00003808A:F09	M00001454C:C08	M00001446C:D09
	M00001656A:D10	M00001454C:F02	M00001448A:G09
	M00001671A:H06	M00001454D:D06	M00001449C:H12
	M00003809C:H07	M00001456B:F10	M00001422C:F12
	M00003853C:C06	M00001455D:A09	M00001352C:H10
	M00003860A:A08	M00001455D:A11	M00004375A:H01
	M00003822B:D08	M00001448D:F09	M00004380B:A05
	M00003845A:E12		M00004444B:D11
	M00003854C:C02		M00001338B:E02
	M00003860B:G09		M00001341A:F12
	M00003822B:G01		M00001344A:G07
	M00001670A:C11		M00001345A:G11
	M00003852A:B03		M00001345B:E10
	M00003829D:A11		M00001345C:B01
	M00003854C:F01		M00001346B:B07
	M00003856B:C04		M00001405B:E09
	M00003905A:H11		M00001352B:F04
	M00001530A:F11		M00001451C:E01
	M00003840B:E07		M00001361A:H07
	M00003905B:G03		M00001362B:H06
	M00003840B:E08		M00001372C:G12
	M00003855A:C12		M00001375B:G12
	M00003905B:H05		M00001376A:C05
	M00003826B:B04		M00001376B:A08
	M00003851C:B06		M00001377C:E12
	M00003853B:C08		M00001382B:F12
	M00003829A:F03		M00001385A:F12

cDNA Ref No.:	cDNA Ref ES20	cDNA Ref No. ES27	cDNA Ref ES28
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
	M00001638C:G01		M00001394A:E04
	M00003845D:B02		M00001395A:C09
	M00001653D:G07		M00001396A:H03
	M00001578B:A02		M00001350B:G11
	M00001590B:H10		
	M00001595C:A09		
	M00001596A:E07		
	M00001607A:B06		
	M00001607A:D10		
	M00001652C:B09		
	M00001671B:F02		
	M00001632C:D08		
	M00001638C:H07		
	M00001652D:B09		
	M00001614C:E11		
	M00001633B:B11		
	M00001651C:A04		
	M00001639D:G12		
	M00001671C:F11		
	M00001638A:B04		
	M00001637C:H12		
	M00001669B:H06		
	M00001639D:F02		
	M00001590A:C08		
	M00001636A:C02		
	M00001614A:A04		
	M00001639D:G06		

Table 23. Library Deposited on January 22, 1999

cDNA Ref No.;	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
Clone Names in	M00001449D:B01	M00001594D:B08
Library	M00001476D:F03	M00001593A:B07
	M00001456C:B12	M00001594A:C01
	M00001469B:B01	M00001594A:D08
	M00001471A:B04	M00001594A:G09
	M00001472A:D08	M00001595C:B05
	M00001473A:A07	M00001594B:F12
	M00001473C:D09	M00001596D:E03
	M00001475B:C04	M00001594D:C03
	M00001475C:G11	M00001592C:F11
	M00001476A:D11	M00001590D:G07
	M00001476B:D10	M00001595D:A04
	M00001468A:C05	M00001595D:G03
	M00001476C:C11	M00001601A:A06
	M00001467A:H07	M00001590C:F10
	M00001477B:E02	M00001589B:B08
	M00001478B:H08	M00001589C:E06
	M00001479C:E01	M00001611B:A05
	M00001480A:D03	M00001601A:E02
	M00001480C:A05	M00001587A:D01
	M00001481A:H08	M00001591B:B12
	M00001481B:D09	M00001590B:G08
	M00001482A:H05	M00001592C:E05
	M00001482D:H11	M00001591B:B06
	M00001483C:G09	M00001591D:C07
	M00001485A:C05	M00001591D:F06
	M00001476B:F08	M00001592A:E02
	M00001460A:E11	M00001592A:H05
	M00001456C:C11	M00001592B:A04
	M00001457A:C05	M00001587A:B10
	M00001457A:G12	M00001609D:G10
	M00001458A:A11	M00005231D:B09
	M00001458C:D10	M00001614B:E08
	M00001458D:A01	M00005217C:C01
	M00001458D:A02	M00001587A:B01
	M00001458D:C11	M00001613D:B03
	M00001458D:D01	M00001613A:F03
	M00001459B:C11	M00001611C:H11
	M00001468A:H10	M00001611C:C12
	M00001460A:C10	M00001611B:E06
	M00001485B:F05	M00001611B:A09
	M00001460A:H11	M00001610D:D05
	M00001461A:F05	M00001610B:C07
	M00001462A:D03	M00001610C:E07
	M00001464A:B02	M00001610A:E09
	M00001464A:E10	M00001601A:E12
	M00001465A:B12	M00001609B:C09
	M00001465A:C12	M00001608D:D11
	M00001465A:E10	M00001608B:A09

cDNA Ref No.:	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
	M00001465A:G06	M00001607D:F06
	M00001466A:F08	M00001607B:C05
	M00001467A:C10	M00001606A:H09
	M00001460A:B12	M00001605A:H03
	M00001545A:B12	M00001605A:E09
	M00001535A:D10	M00001605A:A06
	M00001536A:F11	M00001604A:C11
	M00001537A:H05	M00001604A:C07
	M00001539A:E01	M00001604A:B08
	M00001539A:H02	M00001604A:A09
	M00001539B:G07	M00001610A:H05
	M00001539D:B10	M00005214B:A06
	M00001540D:E02	M00005228A:A09
	M00001541B:E05	M00001567A:B09
	M00001542A:G12	M00001561A:D01
	M00001485B:D09	M00001559A:C08
	M00001545A:B10	M00001559A:A11
	M00001533A:G05	M00001558A:G09
	M00001545A:F02	M00001555A:B12
	M00001545A:G05	M00001554A:A08
	M00001546A:D08	M00001552A:H10
	M00001548A:H04	M00001552A:F06
	M00001550A:E07	M00005231C:B07
	M00001551A:A11	M00005218D:G10
	M00001551A:D06	M00001570A:H01
	M00001551A:H06	M00005214D:D10
	M00001551D:H07	M00001570C:G03
	M00001552A:E10	M00005213C:A01
	M00001450A:B08	M00005212D:F08
	M00001544A:F05	M00005212A:D10
	M00001512A:G05	M00005211C:E09
	M00001483B:D04	M00005211A:E09
	M00001485B:H03	M00005210D:C09
	M00001485C:C08	M00005179D:B03
	M00001486B:D07	M00005179B:H02
	M00001486B:E12	M00005177D:F09
	M00001487B:A11	M00005177C:G04
	M00001487B:E10	M00005177B:H02
	M00001507A:A11	M00001614D:B08
	M00001507A:B02	M00001615A:D06
	M00001507A:C05	M00005216B:D02
	M00001507A:E04	M00001579C:A01
	M00001534A:D03	M00001585B:C03
	M00001511A:G01	M00001585B:A06
	M00001533D:A08	M00001584D:H02
	M00001513A:F05	M00001584A:G03
	M00001514A:G03	M00001583D:B08
	M00001516A:D02	M00001583B:F02
	M00001516A:F06	M00001583A:F07
	M00001517A:B11	M00001583A:A05

cDNA Ref No.: ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001529D:C05	M00001582D:F02
	M00001530A:A09	M00001582D:B01
	M00001530A:E10	M00001582A:A03
	M00001532A:C01	M00001579D:H09
	M00001532D:A06	M00001567D:B03
	M00001485B:D10	M00001579C:H06
	M00001511A:A02	M00001585B:F01
	M00004249D:B08	M00001579B:F04
	M00004185D:E04	M00001579A:E03
	M00004188D:G08	M00001578C:F05
	M00004197C:F03	M00001577D:H06
	M00004198B:D02	M00001577B:F10
	M00004204D:C03	M00001576C:G05
	M00004208B:F05	M00001575D:D12
	M00004208D:B10	M00001575D:B10
	M00004210B:B05	M00001575D:A02
	M00001362D:H01	M00001573B:G08
	M00004216D:D03	M00001573A:E01
	M00004167A:H03	M00001572A:B05
	M00004275A:B03	M00001571D:F05
	M00004285C:A08	M00001579D:F04
	M00004316A:G09	M00001636A:F08
	M00004465B:D04	M00001643B:E05
	M00004493B:D09	M00001642C:G02
	M00001347B:H04	M00001642A:F03
	M00001351C:B06	M00001641D:C04
	M00001360A:G10	M00001641C:H07
	M00004216D:C03	M00001641C:F01
	M00004076D:D04	M00001641C:D02
	M00001484C:A04	M00001641B:F12
	M00001456B:G01	M00001634A:B04
	M00003972D:C09	M00001636B:G11
	M00003974C:E04	M00001649C:D05
	M00003979A:E11	M00001636A:C03
	M00003983C:F03	M00001635D:D05
	M00003989B:F11	M00001635D:C12
	M00004031D:B05	M00001635B:H02
	M00004177C:A01	M00001635B:H01
	M00004076B:G03	M00001634D:G11
	M00004167D:A07	M00001634D:D04
	M00004078A:A06	M00001634A:H05
	M00004085A:B02	M00001641A:A11
	M00004107B:A06	M00001638B:E12
	M00004111C:E11	M00001640A:H02
	M00004130D:H01	M00001614C:E06
	M00004157D:B03	M00001636D:F09
	M00004159C:F09	M00001637A:A03
	M00004162C:A07	M00001637A:A06
	M00004135B:G01	M00001637A:E10
	M00004040A:G12	M00001637A:F10

cDNA Ref No.: ATCC Accession No.	cDNA Library Ref ES29 ATCC No.	cDNA Library Ref ES30 ATCC No.
	M00001453B:H12	M00001637C:C06
	M00001448A:E11	M00001644A:H01
	M00001448B:F09	M00001638B:E03
	M00001448B:H05	M00001649A:E11
	M00001448C:E11	M00001638B:F10
	M00001448C:F10	M00001639A:C03
	M00001448D:F12	M00001639A:G07
	M00001449B:B03	M00001639B:H01
	M00001449C:C05	M00001639B:H05
	M00001449D:G10	M00001639C:A09
	M00001448A:B12	M00001639C:C02
	M00001453A:D08	M00001649C:E11
	M00001451B:A04	M00001649C:H10
	M00001454A:F11	M00001637C:E03
	M00001454A:G03	M00001617A:A08
	M00001455A:F04	M00001622A:H12
	M00001455B:E07	M00001621C:H12
	M00001455D:A06	M00001621B:G05
	M00001364B:B06	M00001620D:H02
	M00004117A:G01	M00001620D:G11
	M00001455D:D11	M00001619D:D10
	M00001456B:A06	M00001619C:C07
	M00001451A:C10	M00001619A:E05
	M00001395A:E03	M00001623A:F04
	M00001366D:C06	M00001618A:A03
	M00001365A:H10	M00001618B:D09
	M00001366D:C12	M00001617A:A01
	M00001373D:B03	M00001616D:C11
	M00001453B:F08	M00001615C:G05
	M00001444D:C01	M00001615C:A11
	M00001375B:C06	M00001615B:G07
	M00001392C:D05	M00001633D:H06
	M00001395A:A12	M00001639C:A10
	M00001395A:H02	M00001615B:A09
	M00001397D:G08	M00001615B:G01
	M00001434A:B10	M00001618A:F10
	M00001416A:D09	M00001632C:H07
	M00001433C:F10	M00001633D:D12
	M00001416A:H02	M00001633D:D09
	M00001428D:B10	M00001618A:F08
	M00001428B:D01	M00001633D:G09
	M00001426D:D12	M00001624A:A03
	M00001400C:D02	M00001633C:F09
	M00001427C:D01	M00001633C:H05
		M00001633C:B09
		M00001633A:E06
		M00001633C:H11
		M00001632C:B10
		M00001625D:G10
		M00001631D:G05

cDNA Ref No.:	cDNA Library Ref ES29	cDNA Library Ref ES30
ATCC Accession No.	ATCC No.	ATCC No.
		M00001629C:E07
		M00001629B:B08
		M00001626C:E04
		M00001626C:C11
		M00001632A:B10
		M00001624B:B10
		M00001633C:A05
		M00001625C:G05

Table 24. Clones Deposited on January 22, 1999

cDNA Ref No.;	cDNA Ref ES31	cDNA Ref No. ES32	cDNA Ref ES33
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
Clone Names in			
Library			
	M00003843A:E04	M00003906A:F12	M00005254D:A10
	M00003842C:G03	M00003906B:H06	M00005260B:E11
	M00003842A:A03	M00003906C:C05	M00005260A:F04
	M00003841D:A04	M00003907A:F01	M00005260A:A12
	M00003841B:E06	M00003907B:C03	M00005259B:D12
	M00003841C:H11	M00003907B:D05	M00005257D:H11
	M00003844A:A11	M00003918A:D08	M00005257D:G07
	M00003841C:F01	M00003918A:F09	M00005257D:A06
	M00003841C:H08	M00003918C:H10	M00005257C:G01
	M00003841C:D07	M00003924A:D08	M00005257A:H11
	M00003844D:A07	M00003958B:E11	M00005236B:H10
	M00003845D:G08	M00003958B:H08	M00005236B:G03
	M00003852C:B06	M00003960A:G07	M00005257C:E05
	M00003854B:A07	M00003971B:A10	M00001608C:D02
	M00003854B:D04	M00003972D:H02	M00001608C:G04
	M00003859D:C05	M00003973C:C03	M00001608D:F11
	M00003860B:F11	M00003974B:B11	M00001609C:A12
	M00003867B:G07	M00003974D:F02	M00001609C:G05
	M00003867B:G08	M00003974D:H04	M00001610C:B07
	M00003841B:E03	M00003975C:F07	M00001612D:D12
	M00003822D:B10	M00003977C:A06	M00001612D:F06
	M00003867D:A06	M00003977C:B03	M00001613A:D02
	M00003868B:G06	M00003977D:A03	M00001614A:B10
	M00003867B:D10	M00003977D:A06	M00001614C:G07
	M00003831C:G05	M00003977D:D04	M00001615C:E07
	M00003901C:B01	M00003978D:G04	M00001625C:F10
	M00003868C:C07	M00003980A:F04	M00001626D:A02
	M00003820A:A08	M00003980B:C11	M00001629A:H09
	M00003820B:D07	M00003981C:B04	M00001629D:B10
	M00003820B:D10	M00003982A:B12	M00001629D:D10
	M00003822D:C06	M00003982C:G04	M00001630C:F09
	M00003823B:F07	M00003984D:B08	M00001631A:D03
	M00003824C:D07	M00003985B:G04	M00001631A:F06
	M00003825B:B10	M00003985D:E10	M00001631A:F12
	M00003825B:B11	M00003986B:A08	M00001631B:H04
	M00003828A:D05	M00003986C:D09	M00001633A:F11
	M00003822D:D04	M00003986D:C08	M00001633A:G10
	M00003830C:A03	M00003987B:E12	M00001633B:A12
	M00003840D:H10	M00003987B:F08	M00001633B:E03
	M00003832A:A09	M00003987C:G03	M00001633C:A08
	M00003833B:B03	M00003988D:A08	M00001633C:E12
	M00003833B:C12	M00003989C:D03	M00001635B:B02
	M00003834B:G04	M00003989C:G05	M00001636A:H12
	M00003835A:A09	M00003989D:F12	M00001638A:C08
	M00003835B:H11	M00004029B:F01	M00001638B:C08
	M00003835D:G06	M00004029C:C05	M00001639D:C12
	M00003837C:E05	M00004029C:G10	M00001640A:F05
	M00003837C:F10	M00004030D:F11	M00001642D:G08

cDNA Ref No.;	cDNA Ref ES31	cDNA Ref No. ES32	cDNA Ref ES33
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
	M00003839A:D07	M00004034A:A01	M00001647D:G07
	M00003839D:E11	M00004034C:G02	M00001649A:E10
	M00003829C:H05	M00004034D:E09	M00001650D:D10
	M00003901B:C03	M00004035B:H09	M00001650D:F11
	M00003878C:F06	M00004036D:B04	M00001651C:D11
	M00003878C:G08	M00004036D:B09	M00001651C:G12
	M00003879A:A02	M00004038A:F02	M00001652B:D06
	M00003879A:B08	M00004038D:G06	M00001652D:G02
	M00003879A:C11	M00004039A:C03	M00001652D:G06
	M00003879A:D02	M00004039A:H11	M00001653A:A05
	M00003879B:G02	M00004039B:A05	M00001653D:H07
	M00003880B:D11	M00004039B:E12	M00001654A:E08
	M00003880C:E11	M00004040C:A01	M00001654B:A01
	M00003880C:H03	M00004051D:E01	M00001654C:D10
	M00003901B:F10	M00004072D:F09	M00001654C:G07
	M00003890B:C08	M00004073A:D10	M00001654C:G09
	M00003877C:A11	M00004075B:G09	M00001655C:C07
	M00003819D:B01	M00004076A:D12	M00001655D:E08
	M00003901B:G11	M00004076D:H07	M00001655D:H11
	M00001692A:G06	M00004078A:C11	M00001656A:H12
	M00003903C:C05	M00004078A:E05	M00001656C:C04
	M00003903C:E12	M00004078A:F07	M00001656D:C04
	M00003903D:C12	M00004078B:C11	M00001657C:C11
	M00003903D:D10	M00004078B:F12	M00001657D:A10
	M00003903D:H11	M00004079D:G08	M00001659D:A09
	M00003904A:C04	M00004081A:E02	M00001661D:D05
	M00003904B:C03	M00004081A:G01	M00001664B:E08
	M00003904C:A08	M00004081C:A10	M00001664B:F06
	M00003881B:F10	M00004083A:E08	M00001669B:C12
	M00003871D:G06	M00004083B:C01	M00001669C:B09
	M00003868D:D09	M00004086D:G08	M00001670A:F09
	M00003868D:D11	M00004087B:A12	M00001678C:F09
	M00003870C:A01	M00004087C:A01	M00001693A:H06
	M00003870C:A10	M00004088C:F01	M00003805D:E06
	M00003870C:E10	M00004088D:A11	M00003806C:A06
	M00003871A:A02	M00004088D:B05	M00003809B:A03
	M00003871A:B09	M00004088D:B10	M00003810A:A02
	M00003871A:C11	M00004090B:B04	M00003810B:B11
	M00003871A:G09	M00004090B:H06	M00003810C:B06
	M00003871C:E04	M00004092B:E05	M00003810D:H09
	M00003871C:F12	M00004093C:C02	M00003811C:C02
	M00003878C:D08	M00004096D:H03	M00003813B:F02
	M00003871D:E11	M00004099D:F01	M00003813C:H08
	M00003877C:G12	M00004100B:C07	M00003813D:B12
	M00003875A:A07	M00004103B:E09	M00003813D:C02
	M00003875A:B01	M00004105C:B05	M00003813D:G06
	M00003875B:F12	M00004105C:C08	M00003814B:C01
	M00003875C:A01	M00004107A:A12	M00003817C:A10
	M00003875C:A09	M00004107B:D07	M00003817C:G06
	M00003875C:G02	M00004108B:B02	M00003817D:D12

cDNA Ref No. ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00003876B:C05	M00004108D:E07	M00003821A:H09
	M00003876C:D02	M00004108D:G04	M00003822B:G12
	M00003876C:F02	M00004110A:A10	M00003822C:A07
	M00003877B:H10	M00004110B:A07	M00003823C:B01
	M00003868D:B09	M00004118B:A03	M00003823C:C04
	M00003871D:A10	M00004118B:F01	M00003824A:G11
	M00001669D:D06	M00004118D:B05	M00003824B:C09
	M00001661A:B11	M00004119A:C09	M00003824C:A10
	M00001661B:F06	M00004136D:B02	M00003824D:D08
	M00001662A:C07	M00004137A:D06	M00003825B:F10
	M00001662A:G01	M00004139C:A12	M00003825D:F01
	M00001662B:F06	M00004149C:B02	M00003826C:F05
	M00001663C:F12	M00004159C:G12	M00003829A:B08
	M00001664A:F08	M00004169D:B11	M00003829C:E08
	M00001664D:F04	M00004187D:H06	M00003829D:D12
	M00001661A:E06	M00004228C:H03	M00003829D:F03
	M00001669A:B02	M00004244C:G07	M00003830D:B11
	M00001669B:B12	M00004358D:C02	M00003830D:H11
	M00001669C:C08	M00004690A:G08	M00003833D:H08
	M00001675A:G10	M00004891B:D01	M00003833D:H10
	M00001669D:C03	M00004891C:D04	M00003840A:C10
	M00001660B:E03	M00004895B:E12	M00003840B:F05
	M00001669D:F05	M00004895B:G04	M00003840C:C02
	M00001670B:G12	M00004895D:G07	M00003845C:D04
	M00001671A:A10	M00004898C:F03	M00003845D:A04
	M00001671B:G05	M00004899D:G06	M00003846B:C05
	M00001671C:C11	M00004959D:H12	M00003846C:F08
	M00001672D:E08	M00004960A:B08	M00003848B:E07
	M00001673A:G08	M00004960C:E10	M00003848D:G02
	M00001673B:B07	M00005100A:B02	M00003850C:G09
	M00001673B:F07	M00005100A:C01	M00003851A:A06
	M00001673D:D06	M00005101C:E12	M00003851B:D03
	M00001673D:F10	M00005102C:D03	M00003851B:E01
	M00001674A:G07	M00005134B:E08	M00003851C:F09
	M00001692D:B01	M00005139A:H03	M00003851D:H11
	M00001669C:D09	M00005140C:B10	M00003852B:G04
	M00001655C:E01	M00005140D:C06	M00003852C:F07
	M00001649D:A08	M00005178D:H04	M00003853B:C10
	M00001650A:C11	M00005210A:E06	M00003854C:C09
	M00001651A:H11	M00005212B:E01	M00003855A:A01
	M00001652A:A01	M00005212C:C03	M00003855A:F01
	M00001652B:G10	M00005212C:D02	M00003855B:B09
	M00001652D:E05	M00005212C:H02	M00003856A:G04
	M00001652D:E09	M00005212D:D09	M00003856B:A12
	M00001653B:C06	M00005212D:H01	M00003857A:E12
	M00001653B:G10	M00005216A:D09	M00003857A:H10
	M00001653C:D10	M00005216A:H01	M00003857C:E05
	M00001654D:A03	M00005217B:A06	M00003858B:G02
	M00001654D:E12	M00005218A:F09	M00003860D:E06
	M00001654D:F11	M00005228A:B03	M00003905C:F12

cDNA Ref No.:	cDNA Ref ES31	cDNA Ref No. ES32	cDNA Ref ES33
ATCC Accession No.	ATCC No.	ATCC No.	ATCC No.
	M00001660C:B06	M00005228C:C05	M00003911A:D12
	M00001658D:G12	M00005229B:G12	M00003966B:A04
	M00001675C:A04	M00005229B:H04	M00003966C:A12
	M00001660B:D03	M00005229B:H06	M00003966C:F03
	M00001660B:A09	M00005229D:H03	M00003973D:F08
	M00001659D:C09	M00005230B:H09	M00003974D:E01
	M00001659D:B05	M00005232A:H12	M00003974D:H07
	M00001654D:F12	M00005233B:D04	M00003976B:E06
	M00001659A:D12	M00005233D:H07	M00003976B:H07
	M00001655A:B11	M00005235B:F10	M00003978A:E01
	M00001658B:A07	M00005236A:E04	M00003978A:E09
	M00001658A:G09	M00005236A:G10	M00003978C:A12
	M00001657D:A04	M00005236B:A12	M00003980C:E12
	M00001657B:B04	M00001448B:A07	M00003980C:F12
	M00001656B:E01	M00001448B:G07	M00003981A:A07
	M00001660B:E04	M00001448D:E11	M00003981B:B12
	M00001659C:F10	M00001455A:D10	M00003982A:G03
	M00003808C:A05	M00001455A:E11	M00003982B:C10
	M00001694D:C12	M00001476D:F12	M00003982B:H10
	M00003746C:E02	M00001478A:F12	M00003983A:D02
	M00003779D:E08	M00001482C:F09	M00003983A:F06
	M00003792A:B10	M00001485C:D07	M00003983A:G02
	M00003793D:A11	M00001485C:G06	M00003983D:E08
	M00003794D:G03	M00001485D:A05	M00003983D:H02
	M00003797A:C11	M00001487C:A11	M00003985A:C01
	M00003797A:D06	M00001487C:G09	M00003986C:G11
	M00003797A:G03	M00001530A:B02	M00003986D:H12
	M00003800B:F03	M00001530A:H05	M00004027A:A08
	M00003805A:F02	M00001530D:A11	M00004028A:B10
	M00003806B:C09	M00001539B:B10	M00004028A:G03
	M00001674A:G11	M00001567A:C04	M00004029B:A01
	M00003806D:D11	M00001567A:C11	M00004029B:A06
	M00001693D:E08	M00001567C:B08	M00004029B:G10
	M00003808D:D08	M00001567C:E07	M00004029C:F02
	M00003809A:C01	M00001570C:B02	M00004029C:F05
	M00003809A:F01	M00001570D:E05	M00004030B:A12
	M00003809B:B02	M00001570D:E07	M00004030B:D08
	M00003809B:E10	M00001573B:A06	M00004030C:A08
	M00003813A:B02	M00001573B:H12	M00004030C:C02
	M00003813A:D08	M00001575A:D05	M00004034C:F05
	M00003813B:E09	M00001575B:C01	M00004035B:F05
	M00003814B:C12	M00001576C:H02	M00004036A:A11
	M00003814B:F12	M00001577A:A03	M00004037C:D04
	M00003815C:C06	M00001578B:A06	M00004038A:E05
	M00003815C:D12	M00001579D:F02	M00004038B:D01
	M00003817B:C04	M00001582C:C04	M00004039C:E02
	M00003806B:G05	M00001582C:G02	M00004039D:B10
	M00001679A:D10	M00001584A:A07	M00004040A:A07
	M00001675C:C03	M00001584D:B06	M00004040A:B04
	M00001675C:D12	M00001584D:C11	M00004040A:C08

cDNA Ref No.: ATCC Accession No.	cDNA Ref ES31 ATCC No.	cDNA Ref No. ES32 ATCC No.	cDNA Ref ES33 ATCC No.
	M00001675D:E10	M00001585D:B12	M00004040B:C05
	M00001676B:B09	M00001586C:H07	M00004040B:F07
	M00001676B:E01	M00001589D:A01	M00004069A:E12
	M00001676C:A04	M00001590D:B04	M00004069C:C08
	M00001676C:E07	M00001592B:B02	M00004077A:G12
	M00001676D:A02	M00001592D:H02	M00004085B:G01
	M00001676D:B02	M00001594C:E05	M00004087A:B05
	M00001677A:G11	M00001594C:H03	M00004090D:F12
	M00001677B:A12	M00001594D:G11	M00004092C:D08
	M00001677B:B04	M00001595A:C07	M00004097C:E03
	M00001677D:B01	M00001595A:D12	M00004097C:H08
	M00001678D:B11	M00001595A:E07	M00004097D:B05
	M00001681C:A08	M00001595B:G07	
	M00003819B:G01	M00001595B:G10	
	M00001693C:E09	M00001595B:H11	
	M00001693C:C12	M00001595C:A01	
	M00001692B:E01	M00001595C:A05	
	M00001692A:B06	M00001595C:B12	
	M00001678B:H01	M00001595C:E05	
	M00001681D:C12	M00001595C:E09	
	M00001694A:E03	M00001595D:C11	
	M00001680B:D02	M00001596A:A02	
	M00001680A:B02	M00001596A:D01	
	M00001679D:F02	M00001596C:G05	
	M00001679D:B02	M00001607A:A01	
	M00001679A:G06		

We Claim:

1. A library of polynucleotides, the library comprising the sequence information of at least one of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252.
- 5 2. The library of claim 1, wherein the library is provided on a nucleic acid array.
3. The library of claim 1, wherein the library is provided in a computer-readable format.
- 10 4. The library of claim 1, wherein the library comprises a differentially expressed polynucleotide comprising a sequence selected from the group consisting of SEQ ID NOS:65, 174, 203, 252, 253, 387, 419, 420, 491, 552, 560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2245, and 2325.
- 15 5. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human breast cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:15, 36, 44, 45, 89, 146, 154, 159, 165, 174, 172, 183, 203, 261, 364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646, 693, 707, 711, 726, 746, 754, 756, 875, 902, 921, 942, 20 990, 1095, 1104, 1122, 1131, 1142, 1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860, 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245, 2300, 2325, 2409, 2462, 2486, 2488, and 2492.
6. The library of claim 1, wherein the library comprises a polynucleotide 25 differentially expressed in a human colon cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460, 491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205, 1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954, 2024, 2066, 2262, and 2325.

7. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human lung cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466, , 491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 990, 922, 1088, 1288, 1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

8. The library of claim 1, wherein the library comprises a polynucleotide differentially expressed in a human cancer cell, where the polynucleotide comprises a sequence selected from the group consisting of SEQ ID NOS:648 and1899.

9. An isolated polynucleotide comprising a nucleotide sequence having at least 90% sequence identity to an identifying sequence of SEQ ID NOS:1-3544, 3546-4510, 4512-4725, 4727-4748, and 4750-5252, or a degenerate variant or fragment thereof.

15

10. The polynucleotide of claim 9, wherein the polynucleotide comprises a sequence of one of SEQ ID NOS:2503, 2504, 2550, 2555, 2578, 2656, 2667, 2712, 2723, 2728, 2738, 2734, 2754, 2758, 2760, 2832, 2835, 2842, 2843, 2849, 2893, 2933, 2956, 2971, 2981, 3009, 3018, 3019, 3046, 3084, 3190, 3129, 3173, 3226, 3227, 3274, 3290, 3356, 3365, 3377, 3381, 3390, 3391, 3404, 3407, 3408, 3409, 3418, 3419, 3451, 3597, 3600, 3618, 3632, 3635, 3646, 3648, 3657, 3665, 3669, 3670, 3671, 3656, 3680, 3686, 3695, 3696, 3700, 3710, 3736, 3762, 3763, 3774, 3775, 3791, 3804, 3806, 3836, 3895, 3905, 3919, 3920, 3927, 3936, 3951, 3974, 3998, 4036, 4038, 4044, 4056, 4072, 4117, 4119, 4152, 4153, 4154, 4172, 4175, 4159, 4175, 4205, 4216, 4223, 4228, 4238, 4241, 4243, 4251, 4253, 4261, 4263, 4278, 4288, 4322, 4330, 4343, 4359, 4363, 4364, 4365, 4373, 4375, 4384, 4385, 4406, 4409, 4431, 4434, 4441, 4442, 4444, 4455, 4469, 4473, 4477, 4482, 4489, 4495, 4496, 4498, 4525, 4535, 4536, 4540, 4560, 4616, 4562, 4586, 4605, 4629, 4653, 4654, 4658, 4659, 4660, 4661, 4664, 4665, 4668, 4684, 4682, 4688, 4689, 4710, 4718, 4733, 4724, 4733, 4746, 4755, 4760, 4710, 4777, 4785, 4792, 4794, 4801, 4807, 4821, 4822, 4847, 4850, 4854, 4856, 4866, 4885, 4900, 4901, 4905, 4914, 4925, 4929, 4931, 4943, 4944, 4959, 5111, 5020, 5041, 5046, 5059, 5083, 5090, 5094, 5102, 5125, 5174, 5197, 5208, 5217, 5237, 5239, 5241, 5243, 5248, and 5252.

11. A recombinant host cell containing the polynucleotide of claim 9.
12. An isolated polypeptide encoded by the polynucleotide of claim 9.
- 5 13. An antibody that specifically binds a polypeptide of claim 12.
14. A vector comprising the polynucleotide of claim 9.
15. A polynucleotide comprising the nucleotide sequence of an insert contained in
10 a clone deposited as ATCC accession number xx, xx, xx, xx, xx, xx, xx, or xx.
16. A method of detecting differentially expressed genes correlated with a
cancerous state of a mammalian cell, the method comprising the step of:
detecting at least one differentially expressed gene product in a test sample derived
15 from a cell suspected of being cancerous, where the gene product is encoded by a gene
corresponding to a sequence of at least one of SEQ ID NOS:10, 15, 33, 36, 44, 45, 54, 65,
89, 146, 154, 159, 165, 171, 172, 174, 183, 203, 228, 250, 252, 253, 254, 261, 280, 282,
285, 355, 364, 366, 370, 387, 419, 420, 443, 460, 466, 491, 496, 503, 510, 512, 525, 526,
529, 545, 552, 560, 564, 570, 571, 574, 581, 590, 603, 606, 644, 646, 648, 680, 693, 700,
20 703, 704, 707, 711, 716, 726, 742, 746, 752, 753, 754, 756, 861, 875, 902, 921, 922, 942,
990, 1088, 1095, 1104, 1122, 1131, 1142, 1170, 1184, 1205, 1286, 1288, 1289, 1354,
1355, 1387, 1417, 1435, 1444, 1454, 1535, 1570, 1597, 1734, 1742, 1751, 1764, 1777,
1780, 1795, 1860, 1869, 1882, 1890, 1899, 1915, 1933, 1934, 1954, 1979, 1980, 2007,
2023, 2024, 2034, 2040, 2059, 2126, 2223, 2245, 2262, 2300, 2325, 2409, 2486, 2462,
25 2488, 2492, 1241, 1264, 1401, 1422, 1442, 1514, 1851, 1915, 2007, 2024, 2038, 2066, and
2245;
wherein detection of the differentially expressed gene product is correlated with a
cancerous state of the cell from which the test sample was derived.
- 30 17. The method of claim 16, wherein said detecting step is by hybridization of the
test sample to a reference array, wherein the reference array comprises an identifying
sequence of at least one of SEQ ID NOS: 65, 174, 203, 252, 253, 387, 419, 420, 491, 552,

560, 581, 590, 648, 693, 726, 746, 990, 1095, 1124, 1205, 1354, 1387, 1780, 1899, 1915, 1979, 2007, 2024, 2325, and 2245.

18. The method of claim 16, wherein the cell is a breast tissue derived cell, and the
5 differentially expressed gene product is encoded by a gene corresponding to a sequence of
at least one of SEQ ID NOS:36, 44, 45, 89, 146, 154, 159, 165, 172, 174, 183, 203, 261,
364, 366, 387, 419, 420, 496, 503, 510, 512, 529, 552, 560, 564, 570, 590, 606, 644, 646,
693, 707, 711, 726, 746, 754, 756, 875, 902, 921, 942, 990, 1095, 1104, 1122, 1131, 1142,
1170, 1184, 1205, 1286, 1289, 1354, 1387, 1435, 1535, 1751, 1764, 1777, 1795, 1860,
10 1869, 1882, 1890, 1915, 1933, 1934, 1979, 1980, 2007, 2023, 2040, 2059, 2223, 2245,
2300, 2325, 2409, 2462, 2486, 2488, and 2492.

19. The method of claim 16, wherein the cell is a colon tissue derived cell, and the
differentially expressed gene product is encoded by a gene corresponding to a sequence of
15 at least one of SEQ ID NOS:33, 65, 228, 250, 252, 253, 280, 282, 355, 370, 387, 443, 460,
491, 545, 560, 581, 603, 680, 693, 703, 704, 716, 726, 746, 752, 753, 1095, 1104, 1205,
1241, 1264, 1354, 1387, 1401, 1442, 1514, 1734, 1742, 1780, 1851, 1899, 1915, 1954,
2024, 2066, 2262, and 2325.

20. The method of claim 16, wherein the cell is a lung tissue derived cell, and the
differentially expressed gene product is encoded by a gene corresponding to a sequence of
at least one of SEQ ID NOS: 10, 54, 65, 171, 174, 203, 252, 253, 254, 285, 419, 420, 466,
491, 525, 526, 552, 571, 574, 590, 693, 700, 726, 742, 746, 861, 922, 990, 1088, 1288,
1355, 1417, 1422, 1444, 1454, 1570, 1597, 1979, 2007, 2024, 2034, 2038, 2126, and 2245.

25

21. The method of claim 16, wherein the differentially expressed gene product is
encoded by a gene corresponding to a sequence of at least one of SEQ ID NOS:648 and
1899.

SEQUENCE LISTING

<110> Williams, Lewis T.
Escobedo, Jaime
Innis, Michael A.
Garcia, Pablo Dominiguez
Sudduth-Klinger, Julie
Reinhard, Christoph
Giese, Klaus
Randazzo, Filippo
Kennedy, Giulia C.
Pot, David
Kassan, Altaf
Lamson, George
Drmanac, Radoje
Crkvenjakov, Radomir
Dickson, Mark
Drmanac, Snezana
Labat, Ivan
Leshkowitz, Dena
Kita, David
Garcia, Veronica
Jones, William Lee
Stache-Crain, Birjit

<120> Novel Human Genes and Gene Expression
Products II

<130> 2300-1486CIP

<140> Unassigned
<141> 1999-01-28

<150> 60/072,910
<151> 1998-01-28

<150> 60/075,954
<151> 1998-02-24

<150> 60/080,666
<151> 1998-04-03

<150> 60/080,515
<151> 1998-04-03

<150> 60/080,114
<151> 1998-03-31

<160> 5252

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 273
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 1

gtgggtttctt	agcatgatgg	tgtatgtatg	gggtaatgga	aannnnnnna	aanttacngg	60
agnngnancaa	acangngcac	nnngngaata	actanannna	annccnaaan	gatgcacnac	120
aanaccccatn	tnntnatngc	cntnncatnn	annntanatt	ttcncanntt	ctnanaatcn	180
naccttcnnn	cnnnntecn	ctntntntnt	cacncctttn	cnmnttnnca	ntatnnactn	240
anancntctn	nanncaanan	tnmntctatn	tac			273

<210> 2

<211> 300

<212> DNA

<213> Homo sapiens

<400> 2

gttttttcgaa	gatcaactca	agaagcaaga	gttagccccga	ggtcaaattgc	gaagtcagca	60
aacctcaggg	ctgtcagagc	agattgatgg	gagcgctttg	tcctgctttt	ccacacacca	120
gaacaattcc	ttgtcgaatg	tatttgcaga	tcaacctaat	aaaagtgatg	caaccaatta	180
tgctagccac	tctcctcctg	taaacagggc	cttaacgcca	gctgctactc	taagtgctgt	240
tcagaattta	gtgggtgaag	gactgcgatg	tgtagttttg	ccagaagatc	tttgccacaa	300

<210> 3

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 3

ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	60
ctctgtcgcc	aggctgaggc	gggagaatca	cttgaacctg	ggagggtggag	gttgcgctga	120
gctgagatca	ttacactgca	ctccagcctg	ggcaacagag	tgagactatg	tctcaaaaaa	180
aaaaaaaaaa	aaaaaaaaann	nnnnnnnttn	aaanntntng	ggggnctnnt	nncnnaaanc	240
caancttnan	aaaanccttn	gmnntatttg	nnnaaccccc	anttaaangg	cggg	294

<210> 4

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 4

cggcaaaact	ngganggang	cgancgtngg	gonanaccn	tgtttttgan	gccngggccc	60
tnntgtangg	ggcggnnttn	tgntgcngtn	ctttnanacn	ttttgagntn	naaaaggnta	120

```

angnntnaan ttengtnect tttgaaccen gatntnntcn naaaattnce cttnectanc      180
aggangnttt tgggnttgna tttgnntann ccngntentc tttctggttt tgectgaaca      240
ccaagtagct tcataatcaa agggtcattt tctggtttgt atcagaccgt atttataaag      300

```

```

<210> 5
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (285)
<223> n = A,T,C or G

```

```

<400> 5
caattagntt annntegnce cntgcnnttc canctngggn nacccecatat ggaacatggt      60
aaaaaaaaaa gccaggccga gcgtgttggc tcacgcttgt aatcccagca ctttgggagg      120
ccgaggcggg tggatcacga ggtcaggaga tcgagttcca tctgggctaa cacagtgaag      180
cgtgttttta ctaaaagtac aaaaaactag ctgggcgtgg tggcaggagc ctgtagtccc      240
agctactcgg gaggtcgagg caggagaatt gcttgaaccg gggag                      285

```

```

<210> 6
<211> 131
<212> DNA
<213> Homo sapiens

```

```

<400> 6
gctactcggg aggctgaggc aggagaatcg cttgaacctt ggaggcatag gttgcagtga      60
gctgagattg caccactgca cccagcctg ggcaataaga gtgaaactcc atctcaaaaa      120
aaaaaaaaaa a                                                              131

```

```

<210> 7
<211> 287
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (287)
<223> n = A,T,C or G

```

```

<400> 7
atataggntt ttannaatna nannntgggtg ngntaaagan tnantangnt tttgctgntg      60
natttttaggn cnaaaaaatt tnanatttnn tnggnantna aggaaaangg gnnttttgnt      120
angntgcctn ancnnacnng nangttcnaa aaaccccngt ttnaaacnng gccncaggnt      180
ttnnnannnn acagatatcc tggttccaga tgtcttgtaa gttaacctgc ctccatttcc      240
ctttctgtaa agcaaaaataa tgtttacacc taatctgtct ctcaggg                      287

```

```

<210> 8
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)

```

<223> n = A,T,C or G

<400> 8

gaaaaattatc	tcagtgaacg	aggatgtcac	tcttagatca	gccctcgata	gaaatctgaa	60
gagtgtctgtg	accgctgctt	tctcatget	ccccgaaagc	ttttctgaag	aagacctctt	120
catagagatt	gccggtctct	cctattcagg	tgactttcgg	atggtggnnn	nnnnnnatga	180
atcctacntg	agctatgttc	nngccccgaa	nataacgaac	ttgattggng	ctncttnmcc	240
cacngctctt	ggagattccn	gacttnnnnt	atatgacnct	nnagcactgg	catnaacttg	300

<210> 9

<211> 300

<212> DNA

<213> Homo sapiens

<400> 9

gtgcaccctt	ttgtattaaa	cactgcaagg	gtgatgcagg	ggagcaggaa	agccatccta	60
aactcactac	tgagtacgat	tcagtatgtt	cctgtggatg	tctgctgtga	ctaataataa	120
tttcttgag	aatcagctac	acttaattat	gttgctgata	gacaagcatc	cacgcttcag	180
ctggcactaa	gtgttttcat	tgtaggatca	gcagcagggt	aaagactgaa	cggttagtga	240
agacaaatgt	cttaagaggc	tgcgatgtct	aggttgggct	tgtgacttct	tagtggccta	300

<210> 10

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 10

gccatgtgag	gacatagga	gaaagcagcc	accattggca	agccaagaga	gagccctcac	60
caggaacgat	tggaacagca	ccttgatctt	ggattttcta	gcctccagaa	cttacagtac	120
gggtggctgt	nnnnnnnnnn	ngnttctgac	naggtgnnac	actnnnnctt	ccgtgntctn	180
tnactgnnt	cnntcngctg	cngnntctgg	acntccagag	gttcnatgcy	cnatcaggac	240
nnnttgctat	ancccttgct	cacgatgagn	actntgactt	tgtgngatgn	ccgact	296

<210> 11

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 11

gagaaacccc	gccttacta	aaaatacaga	aaattagcca	ggcatggagg	cacatgccta	60
taatcccagc	tactcgggag	gctgaggtag	gagaatcgct	tgaatccggg	agctggagggt	120
tgcagtgagc	caagatcgca	ccattgcact	ccagcctggg	caacaagagc	gaaactccat	180
ctcaaaaaaa	aaaannnnnn	nnnnnnnggg	atgatnancn	tgganctggn	tntttttaa	240
cgtngttttt	ngangcttna	aactntnaan	gctttnatat	aangntntca	nctgtatgtt	300

<210> 12

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 12
 aaggagtcac ccctgggtca cccaagctga gacatcagtt ggtggttggc cagaacttgt 60
 gcccaaatat gctgagtcag cggtctctgcc cgggccccaa tgctgagtcac gcacctctgc 120
 ccgggcagtc tgcaggctgg ccctaccttt gctttctgcc tgtggttccct atcagggcac 180
 gcacttcagt tctgttgggc agggagacgt gcacagact ctctccaggc catatgtgct 240
 gtcttgcgct tgcgcgtggc ctcccaaacc cctagggata cctggggcca gctgggcagt 300

<210> 13
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 13
 gagggatgaa aatgagccct gggagggagg aaggagcag gaggggtggc tgcattgttac 60
 cgtccccctac ctctccccac gtggaggggtg gaggagttat gagggaggaa gtcaactgct 120
 gttcagcctc agaataaagg tgccgttcac tggctcagtt acctcctgtg taccggcacc 180
 ttgtgttggg aatgttcccc cctccctagg gaccaaggac caccctaca aaaagagtaa 240
 tggttgggtg atactccctc aagccaaaga ggagctcccc aacctgttct agggacccag 300

<210> 14
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 14
 cccacaagag gtggggccct tgttgaacac aatgatcaag ggccgataca actagcctgc 60
 caggggtcaa ggcctcctgc caggtgactg ctatcccgct cacaccgctt cattgatgag 120
 gacaggagac tccaagcgct agtattgcac gctgcactta atggactgga ctcttgccat 180
 ggcccaggag tcaggtgttt ggagcgaggc agggcagttg gcactccact cctatttgga 240
 gggacttcat acccttgccct cttgtgcccc agcaccttct ctctctgccc cccgcctaaa 300

<210> 15
 <211> 126
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(126)
 <223> n = A,T,C or G

<400> 15
 gggaaaanng nnanaccngt gcnttggaan nntttgnga annntccctn anatgaggtg 60
 gcaaaaanccg cagactggan aaangtgtca aaactttnt aaacctctct ggtctnana 120
 cattnt 126

<210> 16
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 16

```

agaagttcta gcacatctta atttccttaa tagtttaatt gatgaagagc attgatgaag      60
agttaggagg tctccctttg tacctacatt ttccgctttt ttagaatgag aagatgagaa      120
cgacctccag ttcacatgta cgggtgctgt gaggatccag taggggagat acagtgtctca      180
gcaccaagca ggtgcaagtg agcacaatcc aattttacat caggttaccc ctccaggaca      240
gttgctttga cgtggaaggt agagaggagg ttgaaaggag ggtttgcagtg gttggcagag      300

```

```

<210> 17
<211> 281
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(281)
<223> n = A,T,C or G

```

```

<400> 17
agggatacgt gttgttntaa naagtganmn nnnngcntnc anggtgncng tcantcctat      60
aagatatggc anctgntnag ccctttaagg ncccttnagc cncnggctac ccgtttacct      120
cagatnangt ttantaangn gtaagtttta atcnggaagg ggggangngg tgttngnagc      180
tccagtaatn ttnttantna anaatacccn tcctctttna ggctcccnag tntcccagcc      240
ccatnnanaa ngntnngnaa gnnncagacc atgtacagcc n                          281

```

```

<210> 18
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 18
ggtaaattggc agcccatcc ttgaactgag aaaacagggt taaagagtcc ggtgactaac      60
ccccagaaag cagagagttg aagatgaaat cagaacctga gtctgggttt cctgacatcc      120
ggcagggttca accctcagac cacagcttat tagctatgag cgcagatggg tctagcgttt      180
atcctccctg ctctgtgtga aatcagggct gatggggcga caggtgggaa aactcacctg      240
ggagaacagg gctctacttc cttaggcaag tccttgata agcaagcctg gtctgtctct      300

```

```

<210> 19
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 19
atacaaatac tacgttggac gcaaggctat gtttgacagc gattttaagc aagatgctgg      60
ttatgttgac ataggaaatg gagattagga caacatttag ttcagcgact gacttcatga      120
cctacacatc ccgcatggag atgacttaga agcaggggat atgcccttgg acctggtgtc      180
aaagctctcg tttaaacagc ctctgtcagt gtgtcgttac cacagagctc ctgtttaaac      240
agcctcgcac ggcgtgtcgc tgccacacct gacactattg tattagttta cgttgctgag      300

```

```

<210> 20
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 20
tggagggtgct gacgccagggt aggtcagcag tagaccagc cccaacccac aagtttcgct      60
ctccagactg cgcaagcgca aaggatacga aaacgcccc ggcttctggt gggctgggac      120
cgaggaaagc gctgagtata gctcttgccg gtccagtcac aaatgacgtc ccttctgtac      180

```

```

ccccccctgt aggcggggagc atccaatcaa cttegagagc gtagggcccca cctatcgtgg      240
gtcgagttgc ttggcggtcg tggttccgga ggttcctcgg gatgtcgggtg gccttcgtac      300

```

```

<210> 21
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 21
gtccttttga accaccccaa agaactcaac atggcaaagc aaatggtaaa agcttcccga      60
ctgttctact ttgggtccgc gcgaagccca ctcacgtgtg atctgtgttg cccctgggag      120
gcccggggag accggaaaaag ggctctctca agttctgaaa agagaatctg ccaccagatc      180
gaatttcgac ccttgagctt gttcggacgt atgggtccaaa ttcagattaa ggtggtcacc      240
caaccgcgaga tgtcaggaaa ggccttctgc agagaaaatg tccccccacc cgccatctgc      300

```

```

<210> 22
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 22
ctgcacctca agaacgctag accactcgcc accagccttc tcattccctc ttcctccatt      60
ctaatacttt ctagctggct ggctcctca gagcatagga aacctgaggt caggaattcg      120
agaccagcct ggccaacatg gtaaaacccc atctctacta aaaatataaa aattagccag      180
gcatgggtggc gcacacctgt aatcccagct aatcaagagg ctgaggcagg agaattgctt      240
aaatctggga ggcggaagtt gcagttagcc aagatcgcg cactgaactc cagcctaggc      300

```

```

<210> 23
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 23
aagttcaagc aatgattaat ctagcttccc tcctgggtgga tgactgaggc ctttgcttga      60
ggacaacttt aaagagatat tgaatgaagc tatgatacct gtagcagtta ctgccatttt      120
ggacccataa actgacaatc cttaaacatt accaggaggg cagagcggaa agaacattga      180
tgtcatcact gagttgctgg attaccttac tctagaaata gccaactctg catgtttggt      240
tattttttta aaaagtcttc tttattattt acatcatttt gaatgggctc taactctagc      300

```

```

<210> 24
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 24
agtcaatcca aatgatttca gagacctgac tttgctgttt gaccactctc agcttttttg      60
tatcagactc ccttcactgg ctcccaaaaa ctccagggcc atgtttctgg aacagtggaa      120
agcagggaaa tagaaatggg gcctcaggaa ttagaaataa ggctttggca ttcaaatgtc      180
gcacctagca tgctgtgact agcgataagt gtgcaaggag tgttgaagca gtaggaagac      240
ttgtggtgag gcggggcagg ggaatnnnnn nnnnnnnnnn ncagagacca nnggcctttc      300

```

<210> 25
 <211> 281
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

<400> 25
 tggttcctgtg ccagaaagaa agttaaaata cttgcttaag aaagggaggg ggggtgggagg 60
 ggtgtaggga gagggaaggg agggnnnnnn nnnnnnggcn tacnttttcc tacatttcan 120
 tntccctttt nccatcttaa gcngtncat ctngtcaatn cacttntenn tnnnttaacn 180
 centtcennn ncanctttcc cttntectn cctntatact nttgctntga nntgctgncc 240
 anantgtgtt ccttctctcc atcctnnat accccttact t 281

<210> 26
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 26
 cgaggcagtt agctagtgt ctgtgaaata aaataactaat gattgaactt tctaggaagt 60
 acctattctg ctaatagtgt aaatatacac ttatccaggg tcagaaatac tcaagtttac 120
 ccacttaaaa gatctagaaa atacatgaac ttgggcttac ttgccagtta aaattgttta 180
 tctcagaatt gtaccatcac cttaattaaa gtagatatgc taggattatc ctgataacta 240
 attaacatag cttttccct tagtgttctt cacctgaatg tagtagtgga ctcttcaagt 300

<210> 27
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 27
 gtgctgcaga caacacacct tcttgatgga ggtgtccggc tgatggagaa gtctgtgggc 60
 ttgtaaatca tctttgatgt taaccaggcc gacgtgtgg ccacattccg aaagattaac 120
 cctgtcaaac cctannnnnn nnnnnnnnnn nnnngatttg atnagcctgt nccanacctc 180
 tgcagcctcn ancggtngtn ntacataggt ggggatgacc ctctgatact ttgnccctgt 240
 ngancatgnt gacanngct tctacagctt nngggac 277

<210> 28
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 28

tggeatcanc	nagccgtgca	gtccgctntt	cactgttnna	nggcctccna	gtgnntcana	60
gcattggacc	catctntanc	aaaagtngag	gccaaaaagn	tnagtgactt	gacaagtgnc	120
agagtaaccg	tgtagacaga	gcagtgtana	cagaaatcaa	ncntcagtcc	cangngtana	180
cctgatcntg	gngatcactg	ccctgagtgg	cttgccagca	cagccagngc	catcagtaat	240
ttgnangan	tancacnnnc	nnnnttaagt	taaaaaaccc	ccattnnnna	agg	293

<210> 29

<211> 300

<212> DNA

<213> Homo sapiens

<400> 29

ggctaacttg	ccttgtttta	ctattgatgt	ttgtgtcctg	tgtccttaac	actttaagca	60
gcgtgttctc	acctaaaggc	taatagtttt	aagtaagttt	ctttttcttt	ttttaattta	120
aaaattaaaa	aattttta	taactttttt	taaattaaaa	aaaattatta	attattttta	180
atagacagga	tcttgctatg	ctgtccaggc	tggtcttgaa	ctcctgggct	caagtgatcc	240
tcctgccttg	gcctcccaaa	gtgctgggtat	tacagggtgtg	agtcactgca	cctggccaag	300

<210> 30

<211> 281

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (281)

<223> n = A,T,C or G

<400> 30

ttaaaggatt	taaggannna	nanntncttn	tggtttgccc	nttccnacnn	tnctggggga	60
aangannenc	nannaggtna	ttctnnttcc	ctnangccna	nanggnaacn	tggnntgncc	120
ttaaactntt	gnnttanatn	gggtanntgn	ntttttnaaa	antnggtgcc	ntnaangann	180
ntttgagctt	tgcatgtatg	tatgctgcat	cctcgtggca	aaattctgta	ttcttagtga	240
ttgttacaaa	cccctttatt	gctgtctgag	aaaggaaaga	t		281

<210> 31

<211> 300

<212> DNA

<213> Homo sapiens

<400> 31

gtcaagggct	gcatgaagtg	cgagggccga	agagtctgtg	tggactcagt	gggacatggg	60
cgtggaagag	cagggaggtc	tgaatgggaa	gtaaagacac	agatgcgggt	atgcacacag	120
ttctttgaag	atgctcggcc	gaggagacaa	gagtaatcag	gtcaggggca	aaaaggggta	180
ctgcctgag	gaagtaaaca	ttggatgtcc	acagctcaga	gttagttcaa	ggtcacattc	240
aaattagata	ccccgatttc	ccccggcctg	ctgtctaaat	gccaaatcaa	gtcatggcct	300

<210> 32

<211> 300

<212> DNA

<213> Homo sapiens

<400> 32

gagcagaaac	gcaagatatt	tcccttttgc	ggctaaacag	aagcctgggc	accagaatg	60
tgatatcctg	accaatgttt	ttgcaattct	ctcagcgaag	aatctttctg	atgccacagc	120

```

cagtattgta atggacatag ttgatgacct tcttaacctt ccagatttcg agcctacaga      180
aacagttttg aacttgctgg taactggatg tgtataccct ggcatagcag aaaacatcgg      240
tgagtctatc acaataggag gaagattaat tctacctcat gtacctgcaa ttcttcagta      300

```

```

<210> 33
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (286)
<223> n = A,T,C or G

```

```

<400> 33
gtccagggcc cangttttta tttnttttta aaaagcttta ggtcttgccg ggacgggtggt      60
tcacncnnnn nnnnnnnnnn nnnnnnnnagg cctaggcggg tggatcacia ggtcagcagt      120
tcaagaccag cctgaccagc atggtgagac cctgtctcta ctggaaatac aaaaaaattg      180
gctgggagag gtggcaggca cctgtgggtc cagctacctg ggaggctgag gcgggagagt      240
ctcttgaaac tggaaggcag aggttgcggt gagccgagat tgcgcc                        286

```

```

<210> 34
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 34
gtaggttgaa agcctggtaa gctattctgc aagacagtca aaaattgttt acagggctgg      60
acagcatatt gctattgaaa aatagctatt aggagacctt gcacaatttg tgaaacattg      120
ttaggctcat tgtactgtgt aaaatcagga aagaatttgg gaacatactg atacaacaaa      180
aagatagggt gtcaaaccct cacttcacca gaaagctaaa ttaaccagat aagtctttct      240
gaannnnnnn nnnnnnnnnt ttgntcctgc gctgtacnna naccttanat tgggtaatct      300

```

```

<210> 35
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 35
attgaggaag atctaggtaa aacctttaag ttaaccttct aagtctcaga cacgtaaacc      60
caagtgtggc aaaggaactc attgctctcg aaatgcata atgttggttt atagactgca      120
aactcaagaa aagccaaca ctactgttca agttccagcc tttcttcaag agctggtata      180
tcgggataat tccaaatttg aggagtgggt tattgaaatg gctgagatgc nnnnnnnnnn      240
nnnnnnnaaa ggaaaagctn ancacgaaga ggntaaggag ctgtaccaa gggtacctgc      300

```

```

<210> 36

```

<211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 36
 gcttggtcac ccccaggag agcaggaagc tgcggttctg gaacctggag tttgagagcc 60
 agtctttcct gtatagacag gtacggagga tgacggctgt gctggtggcc gtggggctgg 120
 gggctttggc acctgcccag gtgaagacga ttctggannn nnnnnnnccc ctggncaagc 180
 acnacacaca tgtngcccca nccacaggct tantcctcan ntcacgcgct gtacnggaac 240
 ctctnctctg cctnctgcac cctgcaggnt nnaaactacn gcaccactg ataa 294

<210> 37
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 37
 gtgaatgctg tgccctgtggc cccacctgtg tgtgatgtcg ccagaaccca gccgactcct 60
 tcagagaaag ctgcaggagt cctggagggg gcccttgggc cacatgttgt cactaacctt 120
 tatctctatc caatcaaata ctgtgctgca tttgaggtga ccaggtggcc tgtatgaaac 180
 caagggctgc tatatgaccg gagctggatg gttgtgaatc acaatgggtg ttgcctgagt 240
 cagaagcagg aaccccggtc ctgcctgatc cagcccttca tcgacttgcg gcaaaggatc 300

<210> 38
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 38
 tcttggtcaa cattatatcc ttagggatta gtacataggc ttgcaaatag caggtatgaa 60
 taaaaaatta ttgaatgagt aaatgaattt aaaatataag ttacttaggc ggtatcttca 120
 ggcataatctg tgtttatgtg gtattcaatg gccacaaat gtctacatcc taattcctaa 180
 gatctgtaaa cattaatttg catgacaaaa gagactttac agatgtgatt aaatgaaagg 240
 attttgacat gcagataata tctgtattc ttcatgtgga accaatgtat ttacaagggt 300

<210> 39
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 39
 cttctgcccc cggcacttgc catgttccag tggggggcag atcctcagga cttcacgggt 60
 atggttgcca gctgtgttcc tggcccttgg acacacagtg tggcatcctc atgtttgcac 120
 actttcccca ggctccagtg gcctggatgt caatgtttac aaaggggcaa ggacctctca 180
 tggacactgg cctctagccc tctgtttttg tttgatgaat tctgttataa cctatggggt 240
 caggatatga gtccctggga ttatttatcc aggacccatc ctcttgggtg gggtttgggt 300

<210> 40
 <211> 285
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 40
 aatttcnctt tcnnagnttn cgnnecgnct taangntttt tngggcnaaa gnceccntnr 60
 ggngnctant ttgtgatnch gngngaaaaan atttttctca ttctgaggte cacatggcac 120
 cttctggggc agcagctgtg gccggtgtat caagggcgcc cttaaagctg gaacattcca 180
 gcaagcttct tgcgcttctc tgcacccggc agggccactt tectggcacc ctgcacttta 240
 tataaaagtt gcactgctt tcaaaaaccc accctgaag aataa 285

<210> 41
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 41
 gtttcattta agaagaatga gctagataaa tgtgctcttc tggttacccc accctgacag 60
 agtgcatttt tacacggcta gcaggggttg agactgcagc ctggcctgcc agccattgga 120
 ggtgtttaag gaagggcaga taatgtgact ctttgccggg tgccatctgc ttaccattta 180
 gcgagcagag ggggtttctg cgggtgacct ccagcatatt tctaggttac ttatgggcag 240
 atttgtaagt gacaaaactc cagctgatgc tgggaatggg gagagggccc ttgagggact 300

<210> 42
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 42
 cgtctgtaat ccagctgct tgggaggctg aggcaggaga atcacttgaa ccctggaggt 60
 ggcggttgca gtgagcacag atcatgccac tgcactccag cctgggcaac aaaacgagac 120
 ttcgtctcaa aaaaaaaaaan nnnnnnnnnn nnatcctttg gncgggttct cccaaattnt 180
 tttgaggggn ccatggncaa cngcttnagc tttgttttgg caacccentg ccnaagnch 240
 catataggct gtncttnacc ttgtttccaa ggctgaggan canaaagtan cctntgtttt 300

<210> 43
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 43
 ccatagcctg ttgagtgttc ccagatgtga ctcaccttct tgcctccctc ttcattgcagg 60
 cctactgact cataattcac ttgtcccaaa agccacccca caagcctgag ccaacctgct 120
 gcctgacgcc acagtcatth gcagaggctt gggcattatt aatctataaa aatccatgct 180
 ttacacctgg acagtacaca gggacttcag agattgcacg ttggaatata ttctccaag 240
 actgaggttg ttcggtttta attcctgtag tccaatcaca caatttctta tggaaaacct 300

<210> 44
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 44

caaaagataa	tgtgaaactg	ttgggtggact	ctctggtgag	gggtgggcag	aacttgctgc	60
tactagagtt	cttgggttct	ccatgatggt	caccctgggg	ctggcccact	gtgtcctgaa	120
tgtttttggt	atTTTTTgtt	ttatTTTTta	aacaaactgc	tgTTTTtata	tacctggaat	180
ctgttggttg	cttcagagcc	agtgggttaa	gagcagggtc	ccaaggattg	ggagatctag	240
tgtctgctct	cctgccctgc	aactcaattg	ggcctTTTTc	ggtgacctca	tccaaggcca	300

<210> 45

<211> 300

<212> DNA

<213> Homo sapiens

<400> 45

cttgatggca	gtagaaagac	ctcattttca	taacataact	actcttgata	ctttcttttaa	60
aaacactttt	tattaaagat	tctatcatga	ggtattttggc	tgggagctgg	gaggctaaag	120
cgctcatgtc	ctggctcttc	agtgaattta	actgtgtgac	cttgggcaag	tcacttaacc	180
tctctgtgct	tcagtcctcc	tgtcttgtaa	aatgggagta	atacctacct	cacagggttg	240
ttgtggggat	taattagaga	taatgtctgt	aaagcattta	aggttcttga	agaaggcact	300

<210> 46

<211> 300

<212> DNA

<213> Homo sapiens

<400> 46

ggcgggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcaagtct	60
ggcattttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgtgtgagt	aatgcattct	aaacatccta	180
ccccacttta	gaaacggacg	tggggaacgc	ttgggtcattt	aagccaacaa	taaatttagg	240
tgaatgtccc	taagtgttta	ctgtttttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 47

<211> 300

<212> DNA

<213> Homo sapiens

<400> 47

gttatattaa	attattcttt	gtttttcttt	ttcttttaat	aaagcctgca	agttactaaa	60
ttgtagtttc	ataaattctg	tagtaaagta	tcatcttggc	agtgtgccaa	aggtgaaaat	120
gatgttttct	ctaacagaga	aattcttagt	gactccagtc	gtagaaaaac	gtctttacaa	180
cctgaataag	attgaagaat	tgtgaacata	ccatggccta	ttggatgaat	catttgccgt	240
aggctaaatc	agactgtagg	gtttgcgatg	gatttatgga	gtatgtgggt	atagaaatca	300

<210> 48

<211> 300

<212> DNA

<213> Homo sapiens

<400> 48

gatgtcacta	gacaactggc	agtttaaatgc	tcacaccctt	gaactagaag	aggttccaca	60
ggatccctgg	ccaatgccag	ggatcttttag	gtcagcagtc	atgtcaagat	gctctgattc	120
tccacaaacc	cagcttcttt	cccaaactgc	agggaggtcg	gtctgcagtg	acttacctag	180
tattttgttg	tatccctggc	tcacagtgtc	tccccggtct	aggatcttcg	aatcgaaatc	240
ccatgaagca	catattgcag	tgctctctga	ctctcaccct	tgaaatagag	ctgggtgggat	300

<210> 49
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 49
 ctgtttcnnt cctaattgga agtttagctga tttctgttgt tttctctga naaccaatgt 60
 tgcaatgtgt ctttagtctg gatagctatt gttaaactgc ctacaaagtg agcagatcta 120
 ttaatatcag ttacacttg ggcctttggg gtttgagagg acctttttct ctgcaaccat 180
 ctgtgggctg atttttgcat ttacttgtg ataacaaggg agggtaactg ccccttttcc 240
 atcatcccc aaaaggga aaatgagcac tagcataaaa gttctttgga gaaatat 297

<210> 50
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 50
 ttccttgagg actctaagtc agatagtcca gagccaggcc ctttgggatg tgacaccgag 60
 ataaatcaga gaaaagctgt gaagcttggg gaacagaggg accttttggtg aagtaggtgg 120
 tctgcagttt ctatcttctt gggaaaagca agctggaaaa gtgaacagtg gttggtaggc 180
 catagtgtc ccagctgggt gacataatga ccacacagca cagtgatgtt attagcaact 240
 gtgtggtgga gtagtgtgg gctggacaaa tcaatcgtgg gaaattgtta ggagttttat 300

<210> 51
 <211> 288
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(288)
 <223> n = A,T,C or G

<400> 51
 agttctntta acaggatnnn atcgattcna attnggcntn angnntggcc nccctggggg 60
 ncnacaccaga agntcggana aaggcccaag gngnangcca cggccagcag tggtnattgc 120
 ccccaactcc ttttttgagt ctatnagcat tgnttggttt tagctgtcat cagaagctgt 180
 gagggaccca cagatttttg aaacgacctg gacacactat tgggaaggag atgtggacgg 240
 cctgtctcct cctgcagggc ccaccctaag aatgtatttt taaacaca 288

<210> 52
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 52
 agaaaggata atggagtttc tgtacaagat ttaccagaaa gagagtgggtg tgtagacatg 60
 cctggagcag acaccttgga gccgctgaca gaagggtgaag cagtccaaga aaatgtggaa 120
 acctttccgc tgctctacac agtccacaaa cctgtccatt ttatttcgtt gaagctttgt 180
 ctgagagata accaaataga cagtcaaagt aagttatctc agccacatat ggggagtggg 240

tgctgctgaa ttgtgattaa ttggggggagc catataggta catttgccat gatctggggcc 300

<210> 53
 <211> 298
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 53
 gctactctta cgcactcacg ttcattaact gcgttctgat ggcagaaggc agacagcaac 60
 tggacaaggg tgaatttacg gagaagtacg tgggtcccgcg gacaaggctg gcatccaagt 120
 tcatcacact ctaccgggagc atacgggagc atggcttcta cgtcactgac tgtccccagc 180
 agcaggcaca accccctgag ggcggcggtt tgtgctgaga gctatgtaag cgcagcctnn 240
 nnnnnnnnnn nnnnnnnngt tgntacctt natcataact atggatatct aaatgcat 298

<210> 54
 <211> 268
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(268)
 <223> n = A,T,C or G

<400> 54
 agtccctgag aggtgggtggg aatggctgct tcattctctg aggatgcccg ggccccacct 60
 gggcttgtct ttctgttttag agggaagtgt aacntatctg ccatgaggaa cataaattca 120
 tgtaangcca tttctctctta tncannncnt ntctttctan gtacantcnt tntctaggat 180
 ttgngaagct ncttgcnctt gnaacaggnc tcangtnngn gnancnnttt ngnnttnc 240
 ncnntentg ntgnnttttt cntntnt 268

<210> 55
 <211> 278
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 55
 aatgtgaaat ccacattggt tccacaggca ccatcagtaa tgtcgaacaa atggagaaag 60
 ttgcaggtgg ggctaggaaa gctgtattcc tgtggattac tctagctggt catttgcccc 120
 gattgtgaac tgcttgaaag aaaaacgaaa cttctaagat gtttgcctt tcatgtcctt 180
 tctgttggga tttcttattt ggngcncttn nctgnntanc nttnnnctnn ttnattnggg 240
 nntcctntna nctnttgnnn ncatcgnnta agttagtt 278

<210> 56
 <211> 254
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(254)

<223> n = A,T,C or G

<400> 56

ggaaattggc	ctataaccagg	agagcggatc	ccagacgtgg	ctgcattgtc	catgggcttc	60
tctgtgaaag	aagacctttc	ttggccagga	ctcgcagtgg	gtaacctgtt	tcategtctt	120
cgggctaccg	tcattggtgat	ggtgaaggga	gnnnnnnnnn	nnntntacn	cncaggcttt	180
nnntnttnat	nncennngtc	nccttncnan	tnnatnttna	ntncnnnntt	ngnagntatc	240
tngtcgtntt	cctt					254

<210> 57

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 57

gagacatcat	gtcaacagaa	atggagatgt	gcactgggga	aactgccggc	cgggccgctg	60
gcccgtggac	gcctgggagg	tgcccaaggc	cttcattgcc	cgaggactag	cagacaaaca	120
aggacctgag	gaatgtgatg	cagttgtctt	tttaagtctc	atcaacttct	nnnnnnnctn	180
tgngcgnnat	gtntacantg	ccaccaacgt	gnttntgtgn	actcgcnan	tcattggacta	240
tctctatgat	natgannntt	ctaggancnt	ngnggataat	actacnttnn	antccttctg	300

<210> 58

<211> 300

<212> DNA

<213> Homo sapiens

<400> 58

acaaggtgct	ggcagtgaag	tgggggcaga	ctgagcctgt	gtagtgaagt	gtcttgagga	60
acgtcagctg	tatcttttag	gaaacaaaaa	ctgcatagac	attgaacca	ggcagaaggt	120
catgaagtca	gagctaagaa	atgctagtgg	ggataggggg	tgagatagag	ttgggaaatg	180
tttcagagct	acaggtgaca	gttggttggtg	tccagttgga	tatgtaccat	gaagggaaga	240
agcagtcaga	gtgggcacca	agctttctag	cctggaggac	tgaatggttc	tgtgcacatt	300

<210> 59

<211> 300

<212> DNA

<213> Homo sapiens

<400> 59

ctctcaaata	gaaatgggag	ataagaaata	tatctgtgca	atattaaatt	gaaaaaaaaa	60
acccataaaa	agtgtcaaag	gcaaataatt	tgctctagat	cacaaaacta	gtagcacaa	120
ggctaggatt	ataaccaggg	tctaggaaaa	aatcctgaag	gtgatttaac	tgagtgttag	180
gccctgtcaa	gccacctgct	aaggctcatg	gtctttcaga	ctagcttcaa	cattccaaat	240
caggcaatag	ctacaacgga	aagataattg	gacggggaat	cctgagatca	gagtcctagt	300

<210> 60

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 60
 aacgtgctgt acaccagcct gcccggtgctc ctcatggggc tgctcgacca ggtaggagcc 60
 tcgcacaagc agggacactt ctggacagat gagaatgctg tagagaagtc ccaagcaaac 120
 gtttcaatgc attcttctgg tgtttacttc tttctgatca aacctatta taattctgtt 180
 gtcaggcatc aagggtcatg gctgtgcttc ttgttttgta ataaggaaag aggatttctc 240
 tgtagtccca gctactcggg aggctgatgc aggagtatga cttgagccca ggtgttcaag 300

<210> 61
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 61
 ctgttcctaa ccccttcaac tgggggggtct caagtgggtg aggactccat ggccacggca 60
 gcagaactgt ctcttctgaa aaccagactc cggggccctt gggtcagcac ctctaggtca 120
 ttccacagac ttacacagtt taaagaaaga gccagcgaac atgggggtgat cctgggggtgc 180
 cactgggatc ccaagccagg cccggagggtc tgctgttttc gtccccagaa acttgagctg 240
 gcatcctccg ttggtttgca ctgggcacgg ggactggaga gccaccaggc cactgagcgc 300

<210> 62
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 62
 cctgtctcca ggtctccctg tcccccttgc ctgccttctt cctgtctctg tccccctaagc 60
 tccccccagg cagggaaaag agggccagggtg ctaaaaatga gcctttctca agcacgtgag 120
 cagcggaagg cagacaggcg ccagagccca gcactccctt ttccagcagc tgtggtgggg 180
 gagggttccc ctccagtttg tcaagagttg aaggaggctc tgtggccagg tgacctggct 240
 gccttccact cctgttacct cagtctaaac atggagtggtc cgctgacaa ggcgtccagc 300

<210> 63
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 63
 cccactcgg ggtatgtgaa tgcccagctg gagaaggaag tgcccatctt cacaaagcag 60
 cgcattgact tcaccccttc cgagcgcatt accagtcttg tcgtctccag caatcagctg 120
 tgcatgagcc tgggcaagga tacactgctc cgcattgact tgggcaaggc aaatgagccc 180
 aaccacgtgg agctgggacg taaggatgac gcaaaagtgc acaagatgtt ccttgaccat 240
 actggctctc acctgctgat tgctgagca gnacggangt ctttacgtga acccacttga 300

<210> 64
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 64

gagtttttttg	tgatattgag	gcattcatac	agagctgcag	ttagacgggg	ttacggggggc	60
taaaagcaga	aaaaaaattc	catttcacgc	ggatgggaact	gaaggatttt	attctataaa	120
gcggccctgg	ttgaatctgg	caattctttt	tgccaagatc	cctagcagaa	gatttagcca	180
tgctctccc	ctcacttg	tgagtggccc	cttctgaatc	tctccagcag	ccagaggcac	240
cgtgagaagc	agaaagagct	ggtaaataaa	gccttgggca	agcgacttct	tagatcagaa	300

<210> 65

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(299)

<223> n = A,T,C or G

<400> 65

cacctgacct	tgccctgcac	ccccggcagc	tccccacac	ttttgcgctg	gttccacgac	60
tgccctgggt	tttgccactt	gccgctgagc	ccaggtgaag	atcccagact	gggccttgaa	120
atgacagcag	ggtttgggct	tggggggaatg	agaggttaca	gcnnnnnnnn	nggccatgan	180
gggcananat	tgnatccac	atatttgann	ngngcngaga	ncccttttng	gggggngtaa	240
angtacaacn	angaagcnct	nttaggacta	aggtttaana	aagntgcttt	ttaccatt	299

<210> 66

<211> 300

<212> DNA

<213> Homo sapiens

<400> 66

atttgtacca	actgtacat	ctgcttgcca	ctgctccaaa	cttttaccca	cttgcttttg	60
gtaaagaggt	cacctgcgta	tttaaaatat	ccttttgtaa	tgtattggga	aggtgcgaga	120
acatatgaaa	atggttgta	atggagatgg	aaggggcttt	attctcactt	aagagagccc	180
tgaggaggaat	aaggttttat	ctggatcagg	tatccaattg	cattggataa	acgtggcctg	240
aggcaggata	aaatttaaaa	acacaataat	aagcctcctg	gtgacatctc	tgttcctttt	300

<210> 67

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(297)

<223> n = A,T,C or G

<400> 67

tgtatcggt	cctgttccag	cggcatcgc	cgggtggctt	ccaggcctca	gagctgtgtg	60
gcagggccccc	ctgctggggc	tggacatcac	tgcagtcag	tgcaaagccg	nnnnnnnnac	120
ccaggtgtnc	cccccaacta	aacnaaactg	gnggcttgga	agcccnncn	natgggaang	180
tncaaaaaaa	ggtcttgnt	ttctcttcta	atgcctttct	taactcctga	antcgtttgc	240
tcctaaatct	tggttaattct	ttttctctgg	attttggttt	cttttggtct	tcccttg	297

<210> 68

<211> 300

<212> DNA

<213> Homo sapiens

<400> 68

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcatt	accagtcttg	tcgtctccag	caatcagctg	120
tgcattgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aaatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcaaaaagttc	acaagatggt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaacccactt	300

<210> 69

<211> 300

<212> DNA

<213> Homo sapiens

<400> 69

ccccactcgg	ggtatgtgaa	tgcccagctg	gagaaggaag	tgcccatctt	cacaaagcag	60
cgcattgact	tcaccccttc	cgagcgcatt	accagtcttg	tcgtctccag	caatcagctg	120
tgcattgagcc	tgggcaagga	tacactgctc	cgcattgact	tgggcaaggc	aaatgagccc	180
aaccacgtgg	agctgggacg	taaggatgac	gcacaagttc	acaagatggt	ccttgaccat	240
actggctctc	acctgctgat	tgccctgagc	agcacggagg	tcctctacgt	gaacccactt	300

<210> 70

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 70

gtttgtttcc	ccgagatgtg	aacttgctga	aggaaaacag	tgtaaagagg	aaggccatac	60
agagaactgt	cagctcttca	ggatgtgaag	gcaagaggaa	tgaagacaag	gaagcagtga	120
gcatgttggt	taactgccct	gcctactaca	gtgtgtctgc	tccaaggct	gagctactga	180
acaaaatcaa	agagatgcca	nnnnnnnnnn	nntgaggaag	aggaacaggc	anatgtcaat	240
gaaaagaagg	ctgatctcat	tggaagtctc	accacaagc	tgagagacct	ccaggaggcg	300

<210> 71

<211> 300

<212> DNA

<213> Homo sapiens

<400> 71

tcaggccgct	gggtgacggt	gtgctggcca	gatagttcct	ggggctgcag	gtggcttctt	60
tcgccccatc	cctcccatcc	cctttcattc	ttcctgtcaa	cacatctcag	accctggaca	120
ccgaatgagc	cgtcgggtacc	cacaccccag	ggcaattcag	tggaggggta	ggtaggctcg	180
tccccacgt	tgccccagga	agaggacctt	gtccccggca	tcctgaccca	cctcccttag	240
agaccgagag	cctctaagga	taaaccatt	caccctgtgt	tcagaggctt	ttttttcttc	300

<210> 72

<211> 300

<212> DNA

<213> Homo sapiens

<400> 72

```

gttcaggggtt ggtgggtctg tggaccttga gctagttttt aatcaacatg gaaactccag      60
tgatctatatt aaaaacttgc attgggtcat gccaggttta ttggagggtta taccctccaa      120
tgtattttcca actcaggggtt aaagccaagg tccttatggg ggaagatggg gcatataaac      180
tggcattctg gcgctcacac actccaatat ctactactct cccctcttgc tcgctcagct      240
gtggcttgc tttcagctt tttgctcttc ctggaataca tcaaacatat gtaggcccag      300

```

<210> 73

<211> 300

<212> DNA

<213> Homo sapiens

<400> 73

```

ctttgaagag aggaggggga ctttagagag ggatgaaaat gagccctggg agggaggaag      60
ggacgaggag ggggtggctgc atgttacgt cccctacctc tccccacgtg gaggggtggag      120
cagttatgag ggaggaagtc aactgctgtt cagcctcaga ataaagggtgc cgttcactgg      180
ctcagttacc tcctgtgtac cggcatcttg tgttgggaat gttccccct cctaggggac      240
caaggaccac cctacaaaa agagtaatgg ttgggtgata ctccctcaag ccaaagagga      300

```

<210> 74

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 74

```

gggattaaca atgctgaagg actcttagta gtagtgactg tcatctgtgc cctcctaact      60
ttcctgagcc tcacacacaa cctgtgggca ggatggagta gatcatgttg ctgactgctg      120
ccgtaggcaa gtaaatggag ccagaaagtc ccactgttga cagggtgcca cagctgacca      180
gggactgtca ttctctccac ccacaggctg tggaggggtga ccacagcatg tgcccacctc      240
caccaatccg caacgagcag ccggnactgg tgctgnggca gaggntgccg tcattgceca      300

```

<210> 75

<211> 300

<212> DNA

<213> Homo sapiens

<400> 75

```

tgggggctct gaagtttcac caggtggacg ctggggagcg ggctcccag cacttgteta      60
cctcccgccg gtectgacaa cttttctggc caacctacct agcttcgctt ggctggcgag      120
cgcatctgct gctgggggtc gcggtgcaga tggagacgca gtgggtggcca gaggggtgatg      180
gagaagacgg gaaaagcgac agccacgctc ctggctgaag ccgcaggacg caaataactt      240
actttgtacc tgacagtttc tcacgttgtt gtggaggccc tgtttccttg aaataaactc      300

```

<210> 76

<211> 300

<212> DNA

<213> Homo sapiens

<400> 76

```

gcagggcgagg gctaaagtgt gaaatggaaa tgaaggagca ggtagccatg cagccttgtg      60
ctttccagca acaggggtgga cacttggtcc caagaggacg cagctgaaag accctctggc      120
agggagaacg tgtgaggact ctgtggtgga ttctgagttg tgccctctctg gcttaatctc      180

```



```

atctgattct agcagtaact ccaagaggta agcacatttg tgagtectgt ttccaatgg      240
aaaagctaca tgaggccac cagggtccag aactcaacaa tgggtgggct ggggttcaaa      300

```

```

<210> 77
<211> 296
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

```

```

<400> 77
aaaggaccta agtgtgaaat acccgaaga cgtcccatc acccttccaa acctgttgag      60
gttcattttg catcactcag accctgcttc cagccccag aatgtggcta actctctac      120
caaggagtgt cttcagagcg aggcagtctt acagcggggg cacatctccc acttgagag      180
agagatccag aaactgagag cagaaataag cagcctccag cgagcacaag tgcagggtga      240
gtcccagntc tccagtgcc gentanntgn ntacnttgnt ngtnngnt gatttt      296

```

```

<210> 78
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 78
tgaaaaaaat cacagctcct gcagcaagtc tatgcctggg taacaaccaa cccacaaaat      60
ccaagaggag gtccccctct cccgcctctg tgaggcttga ggagcagtat gtatctgggc      120
cagcctggtc ctcagagtgt ggaattaaca cctttcctct agcaactgtt tgtgctgctg      180
agaacagcac agactctctg gcagcctggt tctctccaga gggaagcctg tgaagcagaa      240
gaaacatatg gcatctgcac tcagggcgcc cagttccatc cggccttgct ataaaatgac      300

```

```

<210> 79
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 79
caaaaagctg ctgctgggca gcccagctc gctgagcccc ttctctaagc gcatcaagct      60
cgagaaggag ttcgacctgc ccccgccgc gatgcccaac acggagaacg tgtactcgca      120
gtggctcgcc ggctacgcg cctccaggca gctcaaagan cccttcctta gcttcggaga      180
ctccagacaa tcgccttttg cctcctcgtc ggagcacgcc ccatattagt ggtccgggcc      240
cgggcaggcc cagctcaaaa gagggcagac gcagcgacac ttgttcttac acaccccat      300

```

```

<210> 80
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 80
ctcccagcct cctcctccaa cgcccttttg atccaagatt gagtaagaga cattggcaga      60

```

```

tgcgtgagaag gacaacccaa ttgttttaac ttgcagaccg agggggagat gggttccagt    120
ctgcacatga ctgcgtgcaca gtccccccac cccaccctga cttagaaaat tccaaaccga    180
ctacaagacc agaaacaaac cacatgccag tcgccccctt gtctgtacac acatgtggag    240
ttcagagcca cccttggaga gaggtgctc aggtcagct ccctgtgctg ggctttctag    300

```

```

<210> 81
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 81
acatagcccc caccctgag ggatgagaca gtcacctgca ggcaggctgt gccagtcac    60
ctcaagccta cagctgggct gctggctgca ggggtctggag ggcgggtggg aggggtggcag    120
acagagtagc aagaccccca cttccctggc cttcttcaca gacctgcgtc atgcgggcct    180
gggaccgcag caagccctg ctcttctgcc cggccatgaa caccgccatg tgggagcacc    240
cgatcacagc gcagcaggta gaccagctca aggcctttgg ctatgtcgag atccctgtg    300

```

```

<210> 82
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 82
ggaagaggat gactgggtat gctgtgccac ccttgagggc catgaatcca ctgtgtggag    60
cttgggcttt gacccgagtg gccagcgctt ggcgtcttgt agtgatgacc gtactgtgcg    120
tatctggcgt cagtatctac caggcaatga acaaggggtg gcatgcagcg gctctgacct    180
cagttgaaa tgtatctgta ctttgtccgg cttccactca aggaccattt atgacattgc    240
ttggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgcga tccgcgtgtt    300

```

```

<210> 83
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 83
cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt    60
atggatctcc ttacccttgg cctctgaatc atatttttggc ctatcaaaaa cagtggnnnn    120
nnnnnnnnnn nngtaaaaaa attttnggng gggggagaaa aaatcnggac cgggtgttan    180
aggatgtaga ccagtgtgt caagctctct ctcaaagact gggaacacaa ccgtatttct    240
tcaataagca gcctactgaa cttgacgcac tggtatattg ccattctatac accattctta    300

```

```

<210> 84
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 84
gtcctaccca aacctgtggc cgccactttt gaattctcag attgccctga attttgcac    60
ttttaaataa tgtgctgaat aagctcagca actaaaaacc attaccaag aacgtttctt    120
gtgagtggagc tgatttatct tgattcatta tattcctttt ggtagatttt atacccttg    180
gggaaataat acaacaaaaa catctcttaa aaatgctggg atggggccat atctactagc    240

```

agaggccaga tggtcagata tgattttctgc aaacccatct tgaccttgag tatgtgaagg 300

<210> 85
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 85
 tgggtgcccatt attgatgtgg atanacagaa agataagaat ggcgagagaa tgatcacaat 60
 aaggggtggc ccagaatcac caagatatgc agttcaacta atcaatgcac tcattcaaga 120
 tctgtctaag gaactggaag acttgattcc taaaaatcat atcagaacac ctgccagcac 180
 caaatcaatt catgctaact tctcatctgg agtaggtacc ccagcagctt ccagtaaaaa 240
 tgcatttcct ttgggtgctc caactcttgt aacttcacag gcaacaacgt tatttacgtc 300

<210> 86
 <211> 300
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 86
 gaattccatt accanatgct actngetctt tgttgcttta tcnncangcc atcgattcga 60
 atnnaggacg agncganngg tategncann gatngntntn ntncgetent gacccatang 120
 cttngnatng ggatnnagng acagtntent gnnaaacatc tatnacnntn atganggcta 180
 tcnntttaat gatnttgaga atnatgacng gcttgatgac tanaacaatg cngaagatna 240
 ncgcactga tgggtggnaca tacttcctc ttttactact cgctnacaa tcacaatctg 300

<210> 87
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 87
 gtgcgctgtc caggaatgac gtgctgaagc aggaggtgcc agaggggcttt ccctttgccc 60
 atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctgggcat gctccggaga 120
 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180
 ttacctgatt aacattcctg acaccatctg tgggtcatcc ttcccttga ccgttcagtg 240
 gacagctttc aagcagtgtc tgttggtgagg tcccatcttg gccagaact taccttcaga 300

<210> 88
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 88
 ccaaggagtt ttccaccgt ctctcatggt cacagcgcta gtcattcatt tttgagaagt 60
 tgcttctttt acatcagaaa accagtcaat catatggaga cttcttttgt gatgaaaaag 120

```

ggcttttagaa gttaaataca tgcattgcaca tgaaaacatg cacaaccaca gcttcaatct      180
tgtatttagt ttggggaaag agaagagaat ttcttgtgga ttattttttc ctcaagtga      240
cctctctggt taacccaaac tctgcaagaa agcactgtga ctaaaacata cataacgct      300

```

```

<210> 89
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 89
agaaatcgga acaaaagtag aagtgtgga aaggaaagaa catttgcata ctgacatttt      60
aaaacgtggc tctgaaatgg acaacaactg ctcaccaacc aggaaagact tcaactgaaga      120
taccatccca cgaacacaga tagaaagaag gaaaacaagc ctgtattttt ccagcaaata      180
taacaaagaa gctcttagcc cccacgacg taaagccttt aagaaatgga cacctctcg      240
gtcacctttt aatctcggtc aagaaacact ttttcattgat ccatggaagc ttctcatcgc      300

```

```

<210> 90
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 90
ttgattgtca taacaattag tggatgtgtc cagttctctg tatctttgac ttgatgcttt      60
atacatcatt tcatttgttg cttctaaggg aataagccat agaggcttct ccaggtttaa      120
aagaacagta aagtacctgg aaaaccaaca tttttgaatg tatggacact ggacatgaga      180
tatgtacaat gaaatcttaa aagaatctaa gaatttgccc tctttgcccc actccacca      240
gtaatttgac attactagt ccatgtatag gaccaactg agtattagaa tcagttttga      300

```

```

<210> 91
<211> 267
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

```

```

<400> 91
ataggaaagg gaagccatt tcccaggtca aagcctttgc ttactcgttt atgtttattt      60
tatttttgag acagagtcta gctttgttgc ccaggctgga gttgcaggtg caatctcggc      120
tcattgcaac ctccgccttt tggattcgtg cagttctcct gcctcagcct ccaagtgggtg      180
gggatcgag gcacacgcca ccatgcctgg ctaatttttg nnnnnttann ggctgncnncn      240
gngaancctn nnnntnctn nnnntnc      267

```

```

<210> 92
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 92
aaaaattgtg atgtaagtgg tacagtgggg agaatttagg gctctcagaa tgcagaaaac      60
tagccacctc cagttctgtg cctgaccacc atctgacttt ggataaatcc cttctgctct      120
cccacctagc tttatcattt gtaaaatgag tctctaggta cagcccttcc tgggttgaga      180
cagagtttct gaggagtaaa agccatgtca ttgtggaaac aggcagctat tctcacagct      240
ggcatgagcc cactactccc ctataatcag tgctgataaa ctgctctcat ttgttgagct      300

```

<210> 93
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 93
 agtgtatcca gatctaagta atctcagtga actatacatt gcctaaaaag tggttttgta 60
 atgatttgta gtcacatttc tattgggata tgnnnnnnnn aaggcgaaat gcttaaagtt 120
 ccttttattt tttaaaagca gntagataga cacagacttg ccacctnata catctgctcc 180
 ttggcaacat cnnnggggaac nnactagccn acatgcctat ggctaaaaac ttncttttgc 240
 nnactancgc nctgnttggg gcttcngntt ntannnt 277

<210> 94
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 94
 attcggcacg ancccaatcc ctgggcgccc ctggtatcca aaggggcccag ggaccctggt 60
 gcgctgccct ggccctcgga ttccaggctc ccttagggcc gtgcctgtgc gtgtgcgtgt 120
 gcgtgtgtgt gtgtgtgtac tgcattgccc cccgggtagc aagctggtgg acagatctgc 180
 tctgtggagg ggcgggcacc agntccactt atgtgcctgt gctccgaggg ccaatgggct 240
 gcagggcctg cttggaggaa ggatttgtgt gtaggaggcc tctccgaggg caattctggt 300

<210> 95
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 95
 aaaacctgct gtcaaggctt gaagagccgg cacactcaat ggcaaacaca gcaccgagtc 60
 tgctctgaat cctggaggat ctggccctcc tctcaacccc cactcacagt caccgtctta 120
 caactcaggg ccacctggga tcagtcatca gtcagggtgc gtaagccttg aataccaggt 180
 agcctcagga gtgaaaagat aaatgtccta gatcattacc ttattcagtg tccccacett 240
 gcagcgcatt ccaaccacct gggagcattt aaaactccag atgcccacac cacaccctgg 300

<210> 96
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 96

gtaacctgac	acccagggag	ggagggaggg	aggggctggn	nnnnnnnnnc	ctgnannng	60
ggnetcacct	gttctnnntt	ntntntnttt	tnntntang	ntcacnntng	ttancatnnt	120
ttntancttg	nttttatttn	ntntntnttt	ntnanccttn	ttntntttgt	tnntnttctt	180
tttttntntt	tatttttggn	ttctnccntn	ntntttntgg	tttttanttn	ntntttnttt	240
ttttnttttn	ntttntnnnt	ngnttctntt	ntntgtcttc	ttt		283

<210> 97

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (277)

<223> n = A,T,C or G

<400> 97

gtttcacatt	tgctgccatg	agcaaagagg	aggtcgacag	gtacaatttt	gtgatgctgg	60
cctgtcctc	ctcattcctg	gtgttatect	atctcttgac	cggttgggtg	ggcagcgtgg	120
gcttcactct	ggccaactgc	tttaacatgg	gcattcggat	cacgcagagc	ctttgcttca	180
tccaccgcta	ctaccgaagg	agccccaca	ggccctggc	tggcctgcac	ctatcgnnnn	240
nnnngnncgg	gacatttgcc	ctcagtgggtg	tggttnc			277

<210> 98

<211> 300

<212> DNA

<213> Homo sapiens

<400> 98

aagacttttg	aaacacacat	taaaatattt	catgctccga	acgccagcgc	accaagtagc	60
agcctcagca	ctttcaaaga	taaaaacaaa	aatgatggcc	ttaaacctaa	gcaggctgac	120
agtgtagagc	aagctgttta	ttactgtaag	aagtgcactt	accgagatcc	tctttatgaa	180
atagttagga	agcacattta	cagggaacat	tttcagcatg	tggcagcacc	ttacatagca	240
aaggcaggag	aaaaatcact	caatggggag	tccccttagg	ctcgaatgcc	cgagaagaga	300

<210> 99

<211> 300

<212> DNA

<213> Homo sapiens

<400> 99

gctagactca	agctgtctgg	agagtgtgaa	acaaaagtgt	gtgaagagtt	gtaactgtgt	60
gactgagctt	gatggccaag	ttgaaaatct	tcatttggat	ctgtgctgcc	ttgctggtaa	120
ccaggaagac	cttagtaagg	actctctagg	tcttaccaaa	tcaagcaaaa	ttgaaggagc	180
tggtaccagt	atctcagagc	ctccgtctcc	tatcagtcgg	tatgcttcag	aaagctgtgg	240
aacgctacct	cttcctttga	gaccttgggtg	agaagggtct	gaaatggtag	gcaaagagaa	300

<210> 100

<211> 300

<212> DNA

<213> Homo sapiens

<400> 100

aagtcctatg	aagcttttgg	acagcatgtc	atcgaagacc	atgaacgtat	aggctatcag	60
gtcactgcca	tgattgggca	cacaaatgta	gtggttcccc	gatccaaacc	cttgatgcta	120

```

attgctccca aacctcaaga caagaagagc atgggactcc caccaaggat cggttccctt      180
gcttctggaa atgtccggtc tttacccatca cagcagatgg tgaatcgact ctcaataacca      240
aagcctaact taaattctac aggagtcaac atgatgtcca gtgttctgta taaaatgcaa      300

```

```

<210> 101
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 101
atgttgccca ggctggcttc aaactcttga cctcaagcaa tactcctgcc ttggcctccc      60
aaagtgtggg gataataggc atgagccatc atgcctggcc gaacttattt ttaaattctt      120
tggaatcta aaaggactat gtgctttctt ttttactgga ttatgtgaga agataatagt      180
ttgcagagaa attcagtga gacagctgata aaatgcttta aaaatatatt tcagagaatt      240
gagcaataac agtgatgtca aaatagtagc cccaccttct ccagcccacc taaaccaaca      300

```

```

<210> 102
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 102
gatgcaaggg ctgaagctga aacttcagag agcatcggca ttttaaggaag aaccttggtc      60
gggcgtgggt gctcacgcct gtaatcccag cactttggga ggctgaggcg ggcggtattgc      120
ttgagcccag gagtttgaga ccagctggcc aacgtggtga aaccccgctt ctactaaaaa      180
tacataaatt agctgggagg tagtggtcatg tgcctgtaat cccagctact cgggaggctg      240
agagaggaga atcacttgat tctcctggga ggcagagggt gtggtagctg agatcgtgcc      300

```

```

<210> 103
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 103
attttagtgg ttttacagtc atttttcatt taatatttac agaagtccta tgaaataatg      60
actgtgatta gatactgtta ttattaagga aactgagcct tagagagggt aggtaacttg      120
tctaaggtag agctatgata caaaccggg tctcattggt tgggcatttg tgtcagtcac      180
tgagtataag gtaactggga caaggagctc aagcagctcg tcgttttagta tcagagacag      240
agagctcagg ccatggcccc actatgaaca aagtggctct aggacacaga aaaagagtga      300

```

```

<210> 104
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 104
gcctgtagtc ccagctgctc gggaggctga ggcaggagaa ttgcttgggc ccgggaggcg      60
gtggttgtag tgagccgagg ttgcgccact gcactccagc ctgagcaaca gagcgagact      120
ctgtctcaaa caaaaaccaa aagacatcag gaaacatgcc tcttatggaa tttgaggggg      180
aaaagtcagg gtcttggcag tgaccttggg caagccatta gcctcttgat acctcttttc      240
tcctctgtaa aatgaagggt gtagttacct acttcacagg gttattaggg gattcaatgt      300

```

```

<210> 105
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 105

cagaggcttt	gctagtatcc	ttcaaccaat	ttctagtaaa	aatatcctat	ataaccataa	60
ttatcaaaac	cagaaaaaca	acattggtag	gatactataa	agtactaatc	ttatcttgga	120
tttgacgaat	ttttacatgt	ttttttcttt	tttagtttgt	actctaagaa	gttggtattac	180
atgtacagat	tcgtgtaacc	actgcaacca	cataaaacta	atgaacacaa	agtcctctcat	240
gctacctttt	tatgcttaca	ctccatccaa	acctaactct	gcccaaccact	tttctcctat	300

<210> 106

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 106

acctgagcta	gggttgccgc	agaaattgag	ttgcagcttg	cccttgctcca	gacctatctt	60
ctgcttgccg	ttttgaaaca	ggaggtgcac	gtaccaccca	attatctatg	gcagcatgca	120
tgtataggcc	gaactattat	cagctctgat	gtttnnnnnn	nnnnnnnnna	taatgcgana	180
gangccatca	cnntnctatt	gtgtctnaaa	tntngccntg	ngntattcca	tgnctctctn	240
ntatnnanct	ntacnaatan	gttttacgtn	atncnnttcg	atcttttg		287

<210> 107

<211> 300

<212> DNA

<213> Homo sapiens

<400> 107

ccctggatga	aaacctaggc	agtaccattc	aggacatagg	catgggcaaa	tacttcatga	60
ctaaaacacc	aaaagcaatg	tcaacaaaag	ccaaaattga	caaattggat	ctaactaaac	120
taaagaactt	gtgtgcagtt	ttatcttgga	gtgtgtgtgg	ggtagctctg	agtttcaaaa	180
atgaagaaa	taagtagtca	tgctttctcg	actcttttgt	agacatagcc	tttaagacag	240
tcattctgag	ctgttatggg	cttaggggtc	cctatactac	taaaacttat	tgatgacatg	300

<210> 108

<211> 285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(285)

<223> n = A,T,C or G

<400> 108

atgcccntag	tacgcaacaa	ntccttcntg	ctccaagagt	aggaaaatta	ctgttctntn	60
tgccagtgag	attcctcttc	tggtattacc	tttgcttcaa	agtccttgaa	ttgcccattc	120
cccacttcat	agcacttatt	gctatctgga	attacactaa	atgtcacctt	catgatggta	180
ggcaatttat	tgcccttagtc	acagttatgt	ctagagaaca	agcagctggc	tcatagtagg	240
cactcaacaa	atatttggtc	aatgaatgaa	tttataaatg	aatgc		285

<210> 109

<211> 300

<212> DNA

<213> Homo sapiens

<400> 109

aattgttaact	tattccagga	taaatgtcat	atgcatatga	ttttcatatg	actttgatga	60
gtatcttcag	ggaaaattcc	taaaaatgaa	attgctggat	taaggggtaa	atgcatgtat	120
agttttgtta	gacagggcca	catacccttc	cttagaggta	gtaccctttt	gtattcctgc	180
cagtaatata	tgagagtcca	cagagtatgt	ggttaagctt	tagaatgctt	gtccatctga	240
tagggaagaa	atcgtgttgc	cttaatttgc	ccttccttta	ttatgaatca	gatttttaac	300

<210> 110

<211> 300

<212> DNA

<213> Homo sapiens

<400> 110

cagccaatag	ccatgtaact	gagcttggaa	gaggatcttg	ctgtcctggc	caacatctca	60
ctgcaattct	atcagttgaa	ttccctggat	agtccaagct	ttgtggatcc	ctccaccaga	120
acaactggat	cccagtacct	gaatcctgaa	tcttagactc	ttatacttca	aacactgatc	180
acgggaacag	ccggctcagc	agctcctgag	ttcctaattg	tcagaacatg	gatgagatga	240
taaatgtttg	ttgtgttaag	ctgccaaact	ttggcggggg	ggtattcgtc	acaggcaaca	300

<210> 111

<211> 300

<212> DNA

<213> Homo sapiens

<400> 111

aagcaacttc	ttgcctcttc	tcaatataga	attcaaagat	ttgagagggt	ctgcaagctt	60
tttctgaaa	ccaagtacct	ctgggtgacag	tttaciaagt	ggaagcattc	cattggcaaa	120
tgaatccttg	gagcacaac	ctgtatccag	tttagcagaa	cctgacttga	tcaactttat	180
ggacttccca	aaacataacc	agatcataac	tgaagaaaca	ggctctgcag	ttgaaccaag	240
tgatgaaata	aagagagcca	gtggagatgt	ccaaactatg	aaaatttcat	ctgtgcctaa	300

<210> 112

<211> 300

<212> DNA

<213> Homo sapiens

<400> 112

ggccgggttat	tctctcttta	cagatagcta	tagacatcat	tttaggaagt	gttgcagtct	60
ggcattttgtg	ctattgttca	ttctctgtga	aggctgttca	tagttgctat	agcctgtgtt	120
tagttttgtg	atttcatcaa	tcccatcttt	ctgagtgatt	aatgcattct	aaacatccta	180
ccccacttta	taaacggacg	tggggaacgc	ttggtcattt	aagccaacaa	taaattttatg	240
ggaatgtccc	taagtgttta	ctgtctttat	ccagtcaagg	atttgctttt	ccttgaacat	300

<210> 113

<211> 300

<212> DNA

<213> Homo sapiens

<400> 113

gacttgaaaa	aaagtcacat	ccagcaaatg	cagggtcaca	tgaaatatgg	gcctcctgga	60
atccctacag	tggatggaga	ctggctcata	ccttgccaga	tccctctctc	agttccagcc	120
ttctggacaa	ggcctgggct	aagaggagct	gattcgttat	ctcttcaccc	actgccctct	180
cagtatcacc	agtcccaaag	acaggatacg	tccctgtaac	ccaatctctc	ggttgattga	240
tagcagaaca	gctcttggtg	gtctgagaag	gcaggataag	tgaccacata	tttatgccac	300

<210> 114
 <211> 291
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 114
 gggggggnnaa aaaannnatt tnannnnnttt ttttncaaan nanaggggggn tntngntttt 60
 tnnattaaaaa nnnccgggggn nnnnccatnn ngttttttttt aaaaaannntg gnaannctnn 120
 ggngtngggg cccctnaant gttttnaaag acnccccctt ccaaattttg aaaacattgt 180
 aattggagaa gaaggtanct ctgcaagggt aatctgtcat tctcaatttg ccttattgtc 240
 ttgtttatta agatgttgga aaagcaggag gtagctgtgc ctcaattatt g 291

<210> 115
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 115
 aaacagaatc cttttttcct ttttttggtta aaagtactca tccctaatat tacattgttc 60
 tggaaggact gaaaataaca gaactcagca ccatgatcgg accgggacaa tcagattatt 120
 tcattcctca gcaaacggag atcgatccga aaagtggaaa tatgagctct tctttggtgt 180
 tggcatatgg accctgagag aaagaacttt aatttttttct cttggactgc aataaagtat 240
 agctgcctaa aatacgtttc ctgacacttg gaggtttgtc cacaatcggg aaaaaaggca 300

<210> 116
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 116
 aacagaatcc ctttttcctt tttttggtta aagtactcat ccctaataatt acattgttct 60
 ggaaggactg aaaataacag aactcagcac catgatcggg cggggacaat cagattattt 120
 cattcctcag caaacggaga tcgatccgaa aagtggaaat atgagctctt ctttgggtgt 180
 ggcataatgga cctgagaga aagaacttta atttttttctc ttggactgca ataaagtata 240
 gctgcctaaa atacgtttcc tgacacttgg aggtttgtcc acaatcgggt aaataaaggc 300

<210> 117
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 117
 caaaggccct ggggctcctt ctagctggag gaatgcaagg ctagcttgtc tggagcactg 60
 agaggatggc ctgaactgag tggagagaga cagaccagga ccaaaccatg cagagggtcaa 120
 gggccacatt caccttttca gagtgactca atcaaatttg tagtttgtaa aagtatttta 180
 acagctctgc ggcaaagtgc aatgaaaag tcttgatggc atggactgga gcggggacag 240

tgggggatgga gaaaggggaa tggattggtn gnnnnnnnnn nggtanatnc atgtgaac 298

<210> 118
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 118
 cccgctgagt ggcagtggca ggaagtcggt ggaagcagat ccctgtgcag aagttgaatt 60
 accagggcgg ccacacacgg gctgcacaac ctttgcagtc gtgcacggca agtgggatgt 120
 ggctccgcc catgattggg cacctggtca ggctgggaga tccaaatagc acccagtggg 180
 cagctgtccg acccctggag gggcaagcca ggaaagaaac ttagggcccc ctgtgaccag 240
 atgtccctcc cagttgggaa gactaaactg gtttggccaa tatctcccag gattccctcg 300

<210> 119
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 119
 gaaagcagat gtagtagaca tctactgttt ttgcctaaac agaatccctt tttccttttt 60
 ttgttaaaag tactcatccc taatattaca ttgttctgga aggactgaaa ataacagAAC 120
 tcagcaccat gatcggaccg ggacaatcag attatttcat tcctcagcaa acggagatcg 180
 atccgaaaag tggaaatatg agctcttctt tgggtgttggc atatggaccc tgagacnaaa 240
 gaaccttaat tttttctctt ggactgcaat aaagtatagc tgctaaaaat acgtttctctg 300

<210> 120
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 120
 atttgagaca ctgggtttaa tgaaaatgga tataaggtat gtataactgg ggggtggggtg 60
 agggtaggag gcatttaca ctcagatttt atttattttg aaattatcaa ttgtataaat 120
 ctaatttatt accaaatagg gtctttttaa aaatatTTTT atcgttgaaa ccttgacagg 180
 tacttcatat tcttctaata atttaaacag tccaataatg tggatatacac tttgacatcc 240
 aagaactcac caagatgttt ttcagagatt tattctcgat ttaactatca tagcatttaa 300

<210> 121
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 121
 ggagaactgc tcaactcctt tccctcccca taaaaactca aagtcccttg ggccccaatt 60
 cagagttatg ttttttttgg cacatactag aaaggcagtg cctcagccct tccctgaatc 120
 catggagggtg ttctgtttgg ggcctttttg actgctgctg ctcagctggg tgcttgaact 180
 gacagtaggc cagcctgttc tctgccatcc cctagtcata ctgtgcctca ccacagcttg 240
 cttagagcaa gcctttttct agaccttagg cacagcctct cctctttacc tgatcaatgt 300

<210> 122

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 122
 ctttagaaca tatcactact aagtatcagc ttatcttcag aacattacaa cattcacggt 60
 gttcatatgc tttctgagaa gtcaccactt gtaatttcag atcacatata cctgaaggca 120
 ttttatagtt cctaaagtta acatgttaga tctttttttt ccaccccatg aggggtctcac 180
 tctcaccag gctggaatgn nnnnnntga ttgtagcaca ctttggccac caactcctgg 240
 gctcaagtga tcctcctgct ttggcctcct ctgagaagct gggattactg gggcacacca 300

<210> 123
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 123
 cacctttcct ccagtttcca ataacacatt cctcttttcc acctgagacc tcaccagaat 60
 cacctttaat gtctatatc ctaccaatag tctttttaag gcaatatagg ctttctctaa 120
 catgcacttc aaacttcaag atggagggga tgccatacaa caggactatg tgatgggttt 180
 tggctgtgtc cataggaagt cacaacaggc aagggaaaga aaccagaacc cagtcatgga 240
 gttaagaagt gagtcagaga gtagatgggt agggacagtg aggtaaggcc tctttctaag 300

<210> 124
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 124
 ggaactatgc cctcccact cccatcattg ccaattaagt ctttttccct taaaaatcag 60
 ctaaacaatc ttccccttga tcccttagtt atgtactctc attcttcgtg tactccatgt 120
 gattcaatag cacagatact tcagtagcac ttaccataat tgccatgaaa taattgtgta 180
 gtttgcttaa tatttgtttc tcatattaga atgtaagctc catgagagct aggatcatgt 240
 ctgatttctt tgccattgta ttgcagtgcc taaaacaata ttttacaat ttaagtaatt 300

<210> 125
 <211> 276
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (276)
 <223> n = A,T,C or G

<400> 125
 accatttctg tacaacacaa gctggccttg gcagtttcgg tgcataaaaa atcaggtcct 60
 acagctcgag agggcagagc cacagtccct ggacggcggt gactgaggcc ggatccttcc 120
 tggaggcctn nnnnnnnngg ggacccagc anctcatcat cancatgtgt ggagccaagg 180
 agtctgntac ccacgtnnnn tngnggatgc ccgatgneng ntttggtnnt nttgacntgt 240
 tnntgntnaa ntnnttnnng nttctantnn tctgat 276

<210> 126
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 126
 cctggcagtg ttgtcagctc aacctgggtgg gttcagttct gtctgaggc ttctgctctc 60
 attcatttag tgctacgctg cacagttcta cactgtcaag ggaaaaggga gactaatgag 120
 gcttaactca aaacctgggc atggttttgg ttgccattcc ataggtttgg agagctctag 180
 atctcttttg tgctgggttc agtggctctt caggggacag gaaatgcctg tgtctggcca 240
 gtgtggttct ggagctttgg ggtaacagca ggatccatca gttagtaggg tgcattgcag 300

<210> 127
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 127
 cataatcgca aagtgggaaca tgaagctcta ggcagtagtc tcctgactgg cccagagggga 60
 cttttggcca agaacgaga gaacttaaag cgattaaaat gtctgcgacg ataccgccag 120
 cgctatggag tggaagcctt actgcatagg cagttgaagg aacggagaaat gctggccaca 180
 gatggtgctg cccaacaggc ccataccact cgttccagtc agaggtgctt ggcctttgtg 240
 gatgatgttc gttgttccaa tcagtctctt ccaatgacca gacactgcct taccatatt 300

<210> 128
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 128
 aggtgcatag agttttgcct ataatcccaa cactttggga ggctgagatg gggagatcgc 60
 ttaaggccag gagttcgagg ccagcctagg caacatagca agacccccat ctctattaaa 120
 acaaaacaac aaacaaaatg ttaaataaag gaagcagatg agtatgtgct aactaggctg 180
 gcatgtgtct ttgttggtga catggagcct ctgtcatccc ctccacagact gcatacgagg 240
 attggttcat caccctctac aacgtgctgt acaccagcct gcccggtgctc ctcatggggc 300

<210> 129
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 129
 gaccaggtta gaccagctca agagttcatg ttctttgtca tcctcctgtg agctctctgt 60
 aagtctcttt cttgcccac accacatccc tagtactggg tatcagtctg gccacttggc 120
 tttctggttt gcccctaatgt ggtctattct tgatgcagct accaaagtaa tgttttaaaa 180
 ccattatacc aagttactat ccttgtcaaa acccccagta actgccaatc tcacttagaa 240
 taaaatccgg actcctgtga agcacagcat aaactggcca ctgcctatgc agcaacctca 300

<210> 130
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)

<223> n = A,T,C or G

<400> 130

gtcgaatgaa	tcctttgtcg	ccttttagctt	ttagtccttt	gaagagaggt	gagagtggaa	60
atcaagagat	ttttttccac	ggggaagttc	tttttacaaa	gcgttgattt	ctcggcaccc	120
cgcggggcgg	gcaactgaca	cggcctccgg	tgcaccttct	gcgctgtgga	gcctctgggg	180
ctcagctggn	nnnnnntcgg	gtcgtgnggc	ggtagggcgg	gagcggngga	agggaaaagc	240
naangctgga	aaagaagcag	ggcagttgng	aaccagacat	ccagacctcc	tgaagggttc	300

<210> 131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 131

ctggactctg	agtcgtcttg	gtcccaggag	ccagtagtga	aggcaacagt	ctgcccacct	60
gtggacacca	gacccctggga	gtccctggtt	agcaagttag	atctctggga	tgtagtgag	120
gctggttgaa	gaccagaggt	aaactgcaga	ggtcaccacc	cccaccatgt	cccagggtgat	180
gtccagccca	ctgctggcag	gaggccatgc	tgtagcttg	gcgccttggt	atgagcccag	240
gaggaccttg	caccagcac	ccagccccag	cctgccaccc	cagtgttctt	actacaccac	300

<210> 132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 132

aaaacttttg	gccatttcag	aatttagaga	gtttaatgaa	tgtgcccttg	tttaagtata	60
aaagtacagt	tcaagtttgt	aactccatac	tttgtccaaa	gactggacgg	gaaaaaagaa	120
agtcaccgga	aaaccgggtc	ctgagaaaag	tcctcaaacc	agacatagaa	agagaaagac	180
ttaagaattg	cctgggctca	ccttgatcgt	aagttgacag	tgctggactg	gcagcaaagt	240
gaccgttgga	gtttaatgag	aggaatatac	tcatacatcag	tctatttaga	agagatttcc	300

<210> 133

<211> 294

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(294)

<223> n = A,T,C or G

<400> 133

tagggtaann	cngnannaaa	angngcanta	ngttnagaen	ngnennnnenn	tnacnatnnn	60
ngantagaac	atntctatnn	ngnnnnnana	tnnnnnngn	naaanagggt	tnatggnnag	120
nacnctctc	nnnnnnatcc	attctcatca	gcactgtccc	aggatcctgg	agagggagaa	180
ccctggccc	caggggaaag	agggcggggt	ctcccgtttc	ctgtgcctgc	accagccctg	240
ccccattgc	gtctgcacac	cctgcgtgtg	aactgcattc	cataccaact	aata	294

<210> 134

<211> 300

<212> DNA

<213> Homo sapiens

<400> 134

```

ccaatggatg caggaaaact gagatgggat tccccacgt tgcccaggct ggtctcctga      60
gctcaaagca atccagattg ctgggattac agctgtgagc caccgtgcct ggctgagatg      120
acttttaaaa aaagacttct ctaaagtaga aggaaggggtg gaattgtatg cacaagaaga      180
aaaaaacctg gaagaaaaac atactaaaga ggctggagtg caatggcgcg atcttggtct      240
accgcaacct ccgcctcccc ggttcaagtg attctcctgc ctcagcctcc caggtagctg      300

```

<210> 135

<211> 300

<212> DNA

<213> Homo sapiens

<400> 135

```

agactcttca ttctatcacc ctgtctcaca aaagacttgc ccaaggctac gaagcaaggc      60
agtgactaga gtccagacat cagaactagt tccatgtttt ttttttcaact accagtcctt      120
aggccccaaa ccgcagatcc tgctgtgtga ccattaagcc cctgactgtt ctaggctcaa      180
cttccaaccc tttctgcagg tcctattacc tctgcctcat cctcccaaca tgataaccag      240
agtcttctct cacttggtac tgctaccccc cttatgttcc caggctctcc cttggtttta      300

```

<210> 136

<211> 300

<212> DNA

<213> Homo sapiens

<400> 136

```

gtgtgcttgt gaaagtgtcc aggcgtgtgc acagccagtg cgcccacttc cgggctcctt      60
gtcccttctg gtactgaagt tttggatttt gcatccaatc ctgtgtgcct gcccttctgc      120
cgaaggcttg tgaggggctt gagtcctctg cccatcagga tgacaggctc cttcctgcag      180
ggccatagga gggaagtgtt ggaaacacag aatgattcca aggtgctctc gttcctgagg      240
gggactgggt tgtaacccat gacatctgtg ggcgagagag gcagctggga gcaggacact      300

```

<210> 137

<211> 300

<212> DNA

<213> Homo sapiens

<400> 137

```

gctgcattct caatgaggat gccaccctac gctgcgtgtg ctgcgatggg gacctcttct      60
gtgcccgtct ctccgggtgg gtgcaggtgg aatgttctgt gcgagagctc aagggtctgc      120
tggatccctg acttgatatc ctttgttcca cagagagggc catgatgcct ttgagcttaa      180
agagcaccag acatctgcct actctcctcc acgtgcaggc caagagcact gaagacaccc      240
tggctcctcc ggaagggcag tcccacaggc agcggcaccc atttctgggc cccgccacag      300

```

<210> 138

<211> 300

<212> DNA

<213> Homo sapiens

<400> 138

```

gcagggcaga gttctacctt ctcaaaccac ccagccggca catcacacac cggaggccag      60
gacccaagcc cagcagacac aggatctgct aacgcagctg gcagctgagg tggctatcga      120
tgaaagctgg aaaggaggag gccagctgct ctctctccag aatgatctca accaggggtg      180
cccagggagc actaattcca agaggcaggc caactggtcc ttggaggagg agaagagcag      240
actgctggct gaggcagcac ttgagttgcg ggaggagAAC acgaggcagg aacggattct      300

```

<210> 139

<211> 300

<212> DNA

<213> Homo sapiens

<400> 139

aaaagatgag	tgattttgtg	tgggaaaagc	cttcccaggc	gtctgtaccg	aaaggagcag	60
caaacaaggg	gctaatecat	gagcagtgtt	ctgtaggctc	tgtgacatct	ttggtttata	120
ggatttttga	gccttttatg	atctggaact	atctgagggg	tttcattata	ggccttggtt	180
ctctccaggg	gccagatgag	tttattgtgg	aatctttgaa	aggacaaggc	ctctgtgaat	240
gaatcagtcc	caggggaagca	tttggtgggtg	gcggcagtgg	aggattgccc	ggtgaaccta	300

<210> 140

<211> 300

<212> DNA

<213> Homo sapiens

<400> 140

ctgctccgag	tcaggcgagg	taaaaggcat	tttaccatag	ttacaaccgt	gctctgaggt	60
gggtgtgtgc	ttcttttgcc	cgaaaaggaa	acagagaggt	taagaactcc	cccagagcca	120
catggacaga	gctgggatcg	aaccgaggct	ccaagtccca	gtgttctttc	cagtacctca	180
tgcatagacc	agccttttcc	tcatacaggca	gatactgcag	aactggcacc	tgggttgac	240
tcagtggcct	ctctgacgcc	ccgcctgtgt	ggacctctcc	acccctgcc	ttggcagcag	300

<210> 141

<211> 300

<212> DNA

<213> Homo sapiens

<400> 141

gccacattct	gaggaacatg	tcattgttctg	ggaggggctaa	ggcatcaagt	aaggcctgtg	60
gggctggagg	atcccaggca	aggtggggca	atccagagcc	atgggggctt	cccatgggaa	120
ttgggaggtc	ccaaggcaga	gtcagaggtt	ccacaggagg	agtcagagag	tcaccaaggg	180
ctctcctggc	ccagggagca	gtcaacacca	tggactgaac	acttgctggg	ctccaaccct	240
tggggccaggc	tgcccatgtg	ggggccaggag	gcagctcaga	gtgggaggga	gagagagaag	300

<210> 142

<211> 300

<212> DNA

<213> Homo sapiens

<400> 142

ggagtgtgtt	cctcttgacc	ctggggctgc	atctcctcgt	tgggtgacttc	ctgggggttca	60
gaccttgcca	cctcctccat	tttggggagc	aagatctcat	ctgtctctgg	gacaggagga	120
cctgggttct	gcactgggtg	ggctgagtgt	ggggagcagg	ctctgagccc	ccagctcccc	180
gtgtcccctg	ctccccaggt	gtacagtgcc	accaacgtgg	agctgggtgac	acgcacacgc	240
acggagcacc	tctctgatca	ggacaagtgc	aggagcaaag	cggggaagac	tccattccag	300

<210> 143

<211> 300

<212> DNA

<213> Homo sapiens

<400> 143

caagcgccca	tggagctgcc	cctggagcag	gtgccccccac	cgagagtgat	ggaaaagccc	60
gtcctcgcca	cctccaggca	tggccagcag	cgagcggctg	gctctgcagg	agaagtgtgtg	120
ggctctgagct	ccgtcacggc	cgctcccagag	agcccagaggt	ccaagcccaa	cacgacttgg	180
aataaatgat	caagttatga	attaaacaca	agagaaatgt	aattaccaca	ggagccagct	240

gagaataaaaa tggattacgc acatcacagt cattaaacgg tgatcacatg cgcctttcta 300

<210> 144
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 144
 gccctgcccc acctgctcca gggaccagtgt gtcttgggaa gcttgggctg actgggattg 60
 cagactccgg gtctggtgta tagggccctt ggcaaattcc tattcctttc tgggcctcct 120
 tgaagagaca gtgggctgag ctcttaggct ccctttgatt ctctgtgtg tggcccagaa 180
 tgggacagac agactgagct gggcacagaa ataccatagt gacagaacca ttcgaagacc 240
 ctgacctgat ggaggccccg ggccagggga ggaggcnnnn nnnnggctgtc natctgaa 298

<210> 145
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 145
 gcgacacttc cgctgcacg agttcttccg gggcggaggt caccatggca gctgccttgg 60
 ctgggcttgg tctgcggcct gtcaaacagg ttcgggttca gttctgtccc ttcgagaaaa 120
 acgtggaatc gacgaggtac gaaggggaag tgggtagaag cggaagtgg tgcgccttcc 180
 ttcagccggg gctttaagcc ctgagcttgg cgctcctctg tttttccacc gtaggacctt 240
 cctgcagacg gtgagcagtg agaaggtccg ctccactaat ctcaactgct cagtgtattgc 300

<210> 146
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 146
 aattgatgag ccttattaac tatcttttca ttatgagaca aaggttctga ttatgcctac 60
 tggttgaaat ttttgaatct agtcaagaag gaaaatttga tgaggaagga aggaatggat 120
 atcttcagaa gggcttcgcc taagctggaa catggataga ttccattcta acataaagat 180
 ctttaagtcc aaatatagat gagttgactg gtagatttgg tggtagttgc tttctcggga 240
 tataagaagc aaaatcaact gctacaagta aagaggggat ggggaagggtg ttgcacattt 300

<210> 147
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 147
 tgttcttgta gtgtttgttg ctattgttag aaagattatt agtgatatgt ggggtgtctt 60
 agctaaacaa cagacacatg taagaaaaca ccagtttgat catggagagc tggtttacca 120
 tgcattgcaa ttgttagcat atacagccct tggattttta attatgagac taaaactctt 180
 cttgacacca cacatgtgtg ttatggcatc actgatctgc tcaagacagc tatttggatg 240
 gctcttttgc aaagtacatc ctgggtgctat tgtgtttgct atattagcag caatgtcaat 300

<210> 148

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 148
 attttgccat gtggcagttg gtttgtggag ttgggcaggt gtgaaaggggt aaaactccac 60
 ttctgaatgc tgcttctgcc ccctgggacc cagcacattg ttagaccatc ttcttgactg 120
 aaaattctct cctgatgctg agccctgcac caccaccttc cttttcctaa ctatgaattg 180
 atggcaaagt ccactcaaaa caaccagtta agtgtctcac agagagtagt caagcacctc 240
 cagaaagaaa cggggttttt gttcacatag caggaagtga ctccctgggt ggtaatttat 300

<210> 149
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 149
 ttcaccaata gaacatgtca cacacgaact ggaaactgat tctgtgggcg acaagagtct 60
 atagtaaacy ttatgacaga ttctttgaat gcgctaactc cagactggac taaagttggg 120
 attaaattta atttgtactt gagttcagtg cattgctgtt ctgggcatag gaaatccagg 180
 ttgctggtga tgaacagctg aaaagagctg tgtcaccatg gttgtctctg tcagtcatgt 240
 gaccaccctt acccttgtaa aatcaagcaa gggagagatt attttctaata gtaaagaaaa 300

<210> 150
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 150
 gcaggagaat cacttgaacc ctggaggtgg cggttgcagt gagcacagat catgccactg 60
 cactccagcc tgggcaacaa aacgagactt cgtctcaaaa aaaaaaannnn nnnnnnnnnnn 120
 atccttttgg cgggttctcc caaattnttt tgaggggncc atggncacn gcttnagctt 180
 tgttttggca acccctgcc cnaagncgca tataggctgt tcttnacctt gtttccaagg 240
 ctgaggaaca naaagtancc tntgttttga ggaggnggaa gttaagtatn cnttaatttt 300

<210> 151
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 151
 agaaattaag gcctctgggt tcaatttttg gccccagtgt tgacctctgt gtaagcctgg 60
 caggatgtct catttctggg tcaccttttc cttgccaaca tagtgaggta ttagaccaa 120
 atcattgcta agagccttct aactcctaag acactaggtt tagtcagcca aaagcatgtg 180
 attttccag atttccaaa ctcttgtaa cctaattgaa agtacacaat gaacttgcaa 240
 gaatttaagc atccttagat gccagtcttc actttgggta ttttccagcc tctcagtga 300

<210> 152
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 152
gcaaaaataaa tcatcagcag ttggggccacc tgaaaaagtg agacgggttta ctctggatag      60
acttaagcaa ctgggagtag atgtttccat taaaccacgg ctaggtgctg atgaagattc      120
ctttgtgata cttgaacctg aaaccaacag agaactggaa gccttgaagc agcgtttctg      180
gaagcatgct aatccagcag ccaaaccacg ggctgggtcag acagtgaatg tgaacgtcat      240
agtgaaagac atgggcactg atggaaagga agagctaaaa gcagatgtgg tacctgtgac      300

```

```

<210> 153
<211> 293
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (293)
<223> n = A,T,C or G

```

```

<400> 153
gagcttcgga agctgccagt gccacagga cccaaccccg tgggtggtggt gctgcagcag      60
gtcttccagc ttatccagaa ggtgctgagc aaatggttga atgatgccc gggtgnnnnn      120
nnggtgtgct ctatcttga taagtttgnt nntanactgc tgnatgactt tnanntcatg      180
gtgcanaaat gtgaaagatg ctttgccaaa tatgntaaat antgcttggg gccttgttnt      240
gaattttcnt caatntnncc atanatgatg natctttann gntcacccta ttc      293

```

```

<210> 154
<211> 270
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (270)
<223> n = A,T,C or G

```

```

<400> 154
tatcagacaa tattttatta ttttttcata gatgttctgc cacacaaaaga acttggggtg      60
taaggataag gcaaaaagctc caatcccatt attcagttct cctaggatgc acccctcagg      120
gagcctggcc agagtccga ggccnnnnnn nnnnnnntgn cncntgntcn acnntgnnnng      180
gctnccggcg aggcnnngct gagnantncc atgangctga tagnannctg antctgccgg      240
ngaacngtna gganagagac nttactcgga      270

```

```

<210> 155
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 155
ctgcccgggtg gagegggtgc ttctcacctt ctgcaaccag tatgggtgcc gcctctccct      60
gcgccagcca ggcttggtct aggcgtgtgt tgtgaagttc ctggaggatg ccttgggggca      120
gaagctgccc agaaggcccc agccagggcc tggagagcag ctcacagtct tccagttctg      180
gagttttgtg gaaaccttgg acagccccac catggaggcc tacgtgactg agaccgctga      240
ggaggtgcta ctggtgcgga atctgaactc ggatgatcag gctgttgtgc tgaaggccct      300

```

```

<210> 156
<211> 300
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 156

ttgattaaaa	acngcctcct	taacctctga	agactgattt	tgctttatca	tgtttcaata	60
ataacatttc	agaggttact	ctgtagcccc	agttgtaagc	ttataaaaac	aaactggaag	120
gctgaggagg	ttatgggctg	gcagccaggc	tatgtttaca	gctgctggag	atggcagtag	180
ccttatactt	tgagcaggta	gtacatccca	ggctgtgcta	gaggtagatt	tgttttttca	240
cgtttgatct	gtggctgggtg	gccacctttg	ttgatttggtg	cttacgagtt	tcatagtagc	300

<210> 157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 157

gttggtcttg	tgtggatgca	ggttgctctc	aaggaggatc	tggatgccct	caaggaaaaa	60
tttcgaacaa	tggaatctaa	tcagaaaagc	tcattccaag	aaatcccca	acttaatgaa	120
gaactactca	gcaagcaaaa	acaacttgag	aagattgaat	ctggagagat	gggtttgaac	180
aaagtctgga	taaacatcac	agaaatgaat	aagcagattt	ctctgttgac	ttctgcagtg	240
aaccacctca	aagccaatgt	taagtcagct	gcagacttga	ttagcctgcc	taccactgta	300

<210> 158

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(295)

<223> n = A,T,C or G

<400> 158

ggtgtccaca	ctgaagggcc	agctgcagca	ggagcttcga	aggagctcag	cacccttctc	60
cccaccctcc	ggccccccag	agaaatgagc	tcctgctggc	atctggagaa	caccctgtg	120
cctgggacag	gggaggaccc	ttcttttgga	cagccccccc	ccagagcccc	gtcccttgnn	180
nnnnntaagc	tgnnnnnnca	ctgggagact	ntgntantga	aatnctnntc	ctnngcta	240
ttantcttan	ncgngnggtn	tcttnctgn	nnccaagnca	ncncatgc	gtttt	295

<210> 159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 159

aagcccgcga	cccactgtgg	gactttctgg	tgggctcctc	agctcccacc	ccaggctggg	60
gcccagattg	tgaggtctgt	gtgcatgtgt	gtgtgtatgt	gtgtgtgcat	gcgtgtgtgt	120
gttgtgggga	tctggcctgg	cccttgggga	tgggctgct	ggggactgcc	ccccttccc	180
ccgtggccag	gcgctctgtg	tgctgtgtgt	gccccaggct	ctgttgaccc	cgtccaggaa	240
ctaacttacc	cagcttggtc	tctcctgagt	cctccacct	ggcctgggat	tggccaggga	300

<210> 160

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 160
 tgccctcagg cagccaaagc actttaaccc ctgcataggg agcagagggc ggtacggctt 60
 ctggattgtt tcaactgtgat tccataggttt ttctgatgcc acgcagtgtg tgctttttgtg 120
 tatggaagca agtgtgggat gggctctttgc ctttctgggt agggagctgt ctaatccaag 180
 tcccaggctt ttggcagctt ctctgcaacc caccgtgggt cctgggtggg agtggggagg 240
 gtcagggttg ggaaagatgg ggtagagtgt agatggcttg gttccagagg tgagggggcc 300

<210> 161
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 161
 cccagctgga ctggtggcc ctttcctagt gcctctgctg ggggaggaga gcctgtgtgc 60
 acgtggaggc taggaggtct cagggtctgc cctggcagca ccagagtgtg ggccggggcc 120
 gagtgtctgc cctcggccc tcagggtggg gcacttagca ccagaaggg accaaaagca 180
 gggcatggcg gtgcagagga gtttgggagg tgtaaacagc cccatgcacg tggaggagga 240
 gctggccttc agccccagac cccacgctag cactttccac gctgcttgcc cgtgatgat 300

<210> 162
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 162
 gtccttgtcc agcctccaag acccacaagt ccttctctct gggaagcccc cctggcctgg 60
 aggtgcacca ggaagaagtg gtctggggct ggcactaagc catggcccag ggaagactgg 120
 gggaccactc aggcaggat gagacctgca cgcagtggct cacagcagca cgatttgtga 180
 cagcccaggg cggagaacac cgaacaccca gtgaaggatga ggggatcagc acggcgcggc 240
 caccacgcga cccacgcgct ggaatgagac tcagccacaa ggaggtgcga agctctgacc 300

<210> 163
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 163
 ctgacggagg ctttgtctggc tgtggtgatg gggattgagt tgggggcaag ggtccctgcc 60
 tagactgttg acgtccccctg ggaaggggac ccaaggatga attggctgtg aaggatcctc 120
 cctgagactg gcaagggagg aggctgagca gaaggagtca tcatggagga gcggtgagaa 180
 catggaaccg gactccaaga tgacgatcta aagacccggg agcgagaagc caaggccagg 240
 ttctgggtgt agggcccaga gaagcagaac agcccagagc cccaggtgcc tggcctggcc 300

<210> 164
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 164
 aggcagcagg tgaagaggca gggcccctga cggaggcttt gctggctgtg gtgatgggga 60
 ttgagttggg ggcaagggtc cctgcctaga ctgttgacgt cccctgggaa ggggacccaa 120
 ggatgaattg gctgtgaagg atcctccctg agactggcaa gggaggaggc tgagcagaag 180

gagtcacatcat ggaggagcgg tgagaacatg gaaccggact ccaagatgac gatctaaaga 240
 cccgggagcgg agaaagccaa ggccagggttc tgggtgtagg gccagagaa gcagaacagc 300

<210> 165
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 165
 agacaaagaa aagggtggcaa tcatagaaga gttagtagta ggttatgaaa cctctctaaa 60
 aagctgccgg ttattttaacc ccaatgatga tggaaaggag gaaccaccaa ccacattact 120
 ttgggtccag tactacttgg cacaacatta tgacaaaatt ggtcagccat ctattgcttt 180
 ggagtacata aatactgcta ttgaaagtac acctacatta atagaactct ttctcgtgaa 240
 agctaaaatc tataagcatg ctggaaatat taaagaagct gcaagggtgga tggatgaggc 300

<210> 166
 <211> 286
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (286)
 <223> n = A,T,C or G

<400> 166
 cttgacttcc aactgccctt gagatttgac ctccagtata aggggcaggc ggggtgccctg 60
 gagcgtccag tcttcattca ccgagcagtg ctcggttctg tggaaagact gttgggagtg 120
 ctggcagaaa gctgcggggg gaaatggcca ctgtggctgt ccccgttcca ggtgggtggc 180
 atccctgnnn nnnnnnnna agaggaatac gccaaagagg ctacagcanat gcctgcgggc 240
 tgcaggactg gncantgacc tggatgctnt antctggact gatcct 286

<210> 167
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 167
 ggattctttc actgagcaca aagagttggt ggggcttttag catctgactg atttttttac 60
 ggggttgatt ctgaccatag gaagtatgca atgtgaatca ctatttacag agaaacctac 120
 aacagatgct tgatgttgta gaaactggga catatagata ccaagcaaaa ttataagaaa 180
 cctataaggt gttcaatacg cttgtgtttc caaaattcac tgtacatgat cagtttggtg 240
 ttcttgtacc acagttttta actgaaggaa ccagttgtaa cagtctcaat ttttaactaaa 300

<210> 168
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 168
 caaggctgca gtaagctacg atcacaccac tgcactctgg cctgcatgca ctctggcctg 60
 catggcagaa caagaccctg tctctaaaaa aagagaaaga aatcaaaacta atcatgctgc 120
 tcatggattt ttccaataaa tttcttgttt tggcaggaag aaatgaacac tgggtattaga 180
 cttaaagatt aaatttcctc aaacatgtcc tatctgtagt agttcaacta gacacctttt 240
 aaagtgcctc taaattcatc agatggccaa actgtattta taatccactt aggcattttg 300

<210> 169
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 169
 gcaagccagg agtgctggca caggcctgtg gtcgcageta ctggggagge tgaggccgga 60
 ggatcgcttg agcccaggag gtcaaggcta cagtgaagccg tgatcatgcc actgcactcc 120
 agcctgggtg acagagcgag accctgtctc ttaacaacaa aacccatgag cggcagcccc 180
 ccagtccctg atggtggtta agaatcctca agatcaaacc cacgcagtgc tgagagcttg 240
 gcctgattct agggctgggg ctggagaaac tgctagagat gatgccgata gccagtgtga 300

<210> 170
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 170
 caagagagag tgatagaatt ggcagtgaat tatacgaacc accctcctgc cctctgggtt 60
 cacaatacgt gtacacttga ctgtgaagtg gctgtgagag tgggtggaga gttcttcttt 120
 gaccctcagc ctgcggatgc ctctagaaac ctctgtttga ttgcaggagg agtcggaatt 180
 aaccctctgc tttccatcct gcggcacgca gcagatctcc tcagagagca ggcaaacaaa 240
 agaaatggat atgagatagg aacaataaaa ctattctaca gtgcaaaaaa taccagcgaa 300

<210> 171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 171
 tttgcagccc cccctaggtg gaccnttaa ngatttggnt tttcccctgg gcanccaacc 60
 tgcccanag gncacagacc tgggntttca gctttgggnc caggctgccc aaaggnactc 120
 cnttatacnc ccggcncctt ncncgaaana nggnccttnc caagcaagcc cctangattt 180
 gtccctatan anggaaangt gtggcangcn catgagttna aattntttta ngcnattctt 240
 ataatacaaaa tctgaaggga aaaaaatgtt ttagttcttt cccactcgt tgggttcaac 300

<210> 172
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 172
 cctagtccca gagtcctgga gcggcatact ggggggtggct gtgcagtccc agcatcccca 60
 acccagcatg tatagagagc atccatcctt acatccagct gacccatgcc catgtcctc 120
 cctgtggctg gaggttcaac aataacataa gtctcttctt tgccctccag atatttctcc 180
 ctgcagtggc tgggaaactt ggcaagagac cagaggaccc aaatgcagac ccttcaagtg 240
 aggccaaaggc aatggctgtg ccctatcttc tgagaagaaa gttcagtaat tcctgaaaa 300

<210> 173
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 173

cgtgctaattg	gaaaaattgt	tagtaaaaat	aggttcattgc	agtcttattg	atcatgcttg	60
taattctgaa	gattccactt	gtactttttg	taaccatatt	tctcttctct	tcattctctt	120
agttgtgaga	aaacccagtt	gtccaataat	tgtcaagctt	tcttcggcct	taggggaatga	180
gcactcaaga	cctttctggg	ccaagtgtgg	tcgcgcactc	ctgtaatcct	agcacttttg	240
gaggccgagg	agggagagct	gcttgagcct	aggagttcaa	gactagcctg	agcaacagca	300

<210> 174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 174

ggaaagagaa	gcatgcaaca	attagatccc	tcaccagctc	gaaaactggt	gaagcttcag	60
ctacagaacc	cacctgccat	acatggatct	ggatctggat	cttgctcagt	actttatgag	120
agtttctgcc	acaaggtgcc	caagaggaga	ggaatgggaa	gagtgcacca	gcacgtggtg	180
actgcgtgat	ttctgctcgt	tgcttttgaa	gataactggc	aggactgact	gtagaacact	240
ttgacttttt	tcaaaaagtg	atggaatttg	tacatccaaa	tgaatattgt	atagacaatt	300

<210> 175

<211> 300

<212> DNA

<213> Homo sapiens

<400> 175

ctggaaacca	tttaccagaa	agtgcagggc	aaggagctga	gatacgaggg	cctgatgggc	60
aaacccagca	tcctcactta	ccagtatgcc	gaggacctga	tcaggcgaca	ggcggagagg	120
cggggctggg	cgcgcccat	cgggaagctc	tatgctgtgg	gtgataaccc	tatgtctgac	180
gtatacggcg	ccaacctgtt	ccaccagtac	ctgcagaagg	caacgcata	tggggcgcca	240
gaactagggg	cggggggcac	acggcagcaa	cagccctcag	caagccagag	ctgcatctcc	300

<210> 176

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 176

cgaaagccca	tttcaagctt	tgtgctgctt	cttgatctac	ctctttgtcc	aggtggnnngc	60
gctttgcttg	gaggatttgc	atgcgtttat	tgccgcaggcc	ttgtgctctc	aaggaaaatc	120
cacctgcag	cttgtaaata	tacagcctga	ttacatcaac	cccagagccg	tgagctggg	180
ctcccttctc	gtccgcggcc	tcaccactct	ggttttagtc	aacagcgcat	gtggcttccc	240
ctggaagacg	agtgatttca	tgccctggaa	tgtatttgac	gggaagcttt	ttcatcagaa	300

<210> 177

<211> 300

<212> DNA

<213> Homo sapiens

<400> 177


```

accctctctg gccacatgga ggcagtttcc tcagttctgt ggtcagatgc tgaagaaatc      60
tgcagtgcac cttgggacca tacaattaga gtgtgggatg ttgagtctgg cagtcttaag      120
tcaactttga caggaaataa agtgtttaat tgtatttccct attctccact ttgtaaacgt      180
ttagcatctg gaagcacaga taggcatatc agactgtggg atccccgaac taaagatggg      240
tctttggtgt cgctgtccct aacgtcacat actggttggg tgacatcagt aaaatggtct      300

```

<210> 178
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

```

<400> 178
actgctcctt cattcccaag aagaaaagac aagtactgct acttccaaaa ctcagacacg      60
acttgaaggt gaagtgactc ctaattcctt gtcaaccagc tacaagacag tgtcattgcc      120
attaagctct ccaaacataa agctgaatct cactagccct aaaaggggtc agaaaagaga      180
agaaggggtg aaggaagttg tacgaagggt aaagaaattg tctgttccag cctcagtggg      240
gtcggaggat aatgggaaga ggaggatgcn ncactnctgc nntacaggat gttactgg      298

```

<210> 179
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 179
gcaaggttgt gacattgtca cttttttggt ctagactcct ttaaattttc tgcatttgcc      60
tgaaaagcac cctgtgaaga atagatttct catggctcta aaaattattc ccaagaatac      120
cttacttggt tcaaaagcag actgtttctc ttcatctcat ctcaaatacag acttctgggc      180
aagatgttct ttagagtaag caaacctaca acctaaaaat ctcttcaaga ggcattctctg      240
gtcttgtgac aagacctctt caaaaaccca cagtaaaact cccctccctc cagttggcca      300

```

<210> 180
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 180
attacttaga agcttataac gaaagctaaa aagcaatttt aataggttca gtaaagccaa      60
ctaccacata gattttactt aatatgtata agaatacaag ataaaagatc tttagacact      120
ttacaaaact gccaaacttg ctaaaagaaga tgaacctgat aaacagccac aggtacacag      180
cctgtacact gaaatgtacg tgggaaagca cagtgcaga atttcttgag ctgtcctgag      240
ggttatgtta accagagctt ctcaacctca ctacatattc aaatggcccc ggagcttttc      300

```

<210> 181
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 181
cttctaaatg tctcctccc cacttgtttt attattactg tttttttctc tctttaatgt      60
ttttttttat agagacatgg tctcactatg ttgctggggc tgatctcaga ctctgggct      120
caagtgatcc tctgctca gccctccaaa gtgctgggat tataggcgtg agccattgag      180

```

```
cctggctctg ttactggttt tctaacctga gttacttagg atcatatttt cattcttttt 240
taaaaagatg ggagttttct gaacttttcc ttaactaaaa agttggaatg catcttaata 300
```

```
<210> 182
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G
```

```
<400> 182
gtacgggtttt gttgaaccat atcctgacaa cacagatgac acagctgaca ttcagatggg 60
gacagttcgt gaggcagcat tacagggaac aaaaactgaa gctgaaaggc acctagtgtg 120
cgagcgctgg gatttcctat gcaaaactgga gatggtaggg gaagagggag cctttgtgat 180
agggannnnn nnnngctgac tgaagaggag ctgaccacca cactaaaggc actgtgcatg 240
cctgctgagg agttcagaga gcttaaagac caggatggag ggggagatga taaaagggaa 300
```

```
<210> 183
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G
```

```
<400> 183
gtctaatttt ttccattttt ctctcctctt tctcaagtct tctttttgat tttacttttg 60
cttttctgc agttccttct ttatcatgta tgtgcttttt ggaactcttt ctgtcagtgg 120
taaagtctgt agagtttcca gactgaagac tcagctctaa gcaaggtttc acttgcgctt 180
caagattttc ctgatacaaa gacttttcca tgtaactttc atcactnnnn nnnnnngntn 240
tgtaaatect tttgattntt gattnttccc ancatataaa nnntctntan nncctcct 298
```

```
<210> 184
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 184
gaacagacaa gttctgtccc agcctctgct acctetaacc ccatggcatt ctatcctttt 60
ctacactggg ctccatttcc ttaccccaac aatgatctgt tcttccaggc gctgtcattt 120
aatttcccag acacttgacc tccttctgat ttgtgtactc cctccaaggc tgagttgcag 180
tgagtgacaa taatctgtgc taattactta tcttgccaga agactcaaag ggtttatggc 240
ttttactaac tgaactctat gctagatggt agggataaat ggttaacagg acacagttct 300
```

```
<210> 185
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 185
aaggccttag gctttttttt tgtagggtga gagtggggga gagatctctt gctctgttgc 60
```

```

ccaggctggt ctccagctcc tggcctccgg cagtcctccc acctcagcct cccagagtac      120
taggattatg ggcattgagc accacaccta gccaggcttt ttatattgag ttgggtatat      180
atgcttcata gccacacttt ataattattg agtatagtat taaattacag ctgtgtgtca      240
agtcagtgtt tctgtaagac agtatatcca atattggtta gagtaacacc tatttggtga      300

```

<210> 186

<211> 300

<212> DNA

<213> Homo sapiens

<400> 186

```

aaaactttta gaaaaccaat gtttggggcc aagcaatggg gagcttggcc gacctcattt      60
ttttagtgat ttgaactca atctttaaaa tcttgggaaga gaaggaaaaa aagggtgtat      120
attcgtgtaa tgacatccag atctcactgt tctcttggct cctagtgatg ggggaaaaaa      180
gggtgcgcca ggggttgacc ttcagtaaca cctgcagcca tgcacatga cctccagggt      240
ttcagaggcc ctgcccattg gacacgtgcc tgggtacttc catacatgtg cctctttaat      300

```

<210> 187

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(275)

<223> n = A,T,C or G

<400> 187

```

aannatnnna tatnttannn aacnnnaacn naccnannnn nnntannгаа nntaanaatn      60
aangnacnnt aangannnnn nntgaanaen tncannnaan tcnctaaaaa ngnggtanat      120
gacttccccct gctccgcatt ttgtaaaatg gcccttgggg gagtggtttt gctggatctg      180
ctccctctcg ctctctcact ccactacttt ttggaacaaa gtgatggcag aatgcggtgg      240
tgggtgggggt cttttgtact gttggattaa taaaaa                                275

```

<210> 188

<211> 300

<212> DNA

<213> Homo sapiens

<400> 188

```

cctcctgtcg gggaggcaag gtggtttttg accagacagg cgtgtctaag ggttatggtt      60
ttgtgaaatt cacagatgaa ctggaacaga agcgagccct gacggagtgc caggagcag      120
tgggactggg gtctaagcct gtgcggctga gcgtggcaat ccctaaagcg agccgtgtaa      180
agccagtgga atatagtcag atgtacagtt atagctacaa ccagtattat cagcagtacc      240
agaactacta tgctcagtgg ggctatgacc agaacacagg cagctacagc tacagttacc      300

```

<210> 189

<211> 300

<212> DNA

<213> Homo sapiens

<400> 189

```

gaacaagcac agcccaagcc agatgtacag cacacacagc atcccatggt ggccaaagac      60
aggcagcttc ctaccttaat ggcacagccc ccgcaaaact tagtacaggt gcttgcatgt      120
aaaaccacgc agcagctccc taaactgcag caggctccga accaaccaaa aatctacgtg      180
caaccccaaa cccccagag ccaaattgtc ctcccagctt cttcagagaa acagacggca      240

```

agccaggtgg agcagccaat tataacccaa ggatcctctg ttacaaagat aactttttgag 300

<210> 190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 190

cgaaagccca	tttcaagctt	tgtgctgect	cttgatctac	ctctttgtcc	aggtggatac	60
gctttgectg	gaggatttgc	atgcgtttat	tgcgcaggcc	ttgtgcctcc	aaggaaaatc	120
cacctgcag	cttgtaaate	tacagcctga	ttacatcaac	cccagagccg	tgcagctggg	180
ctcccttctc	gtccgcggcc	tcaccactct	ggtttttagtc	aacagcgcac	gtggcttccc	240
ctggaagacg	agtgatttca	tgccttggaa	tgtatttgac	gggaagcttt	ttcatcagaa	300

<210> 191

<211> 300

<212> DNA

<213> Homo sapiens

<400> 191

gaggatctgc	cttctgagga	agtggatcaa	gagctgattg	aagacagtca	gtgggaagaa	60
atactgaagc	aacctatgcc	atcgcagtac	agtgtctatta	aagaagaaga	tctcgtggtc	120
tgggttgatc	ctctggatgg	aaccaaggaa	tataccgaag	gtcttcttga	caatgtaaca	180
gttcttattg	gaattgctta	tgaaggaaaa	gccatagcag	gagttattaa	ccagccatat	240
tacaactatg	aggcaggacc	agatgctgtg	ttggggaggga	caatctgggg	agtttttaggt	300

<210> 192

<211> 300

<212> DNA

<213> Homo sapiens

<400> 192

gatctgcctt	ctgaggaagt	ggatcaagag	ctgattgaag	acagtcagtg	ggaagaaata	60
ctgaagcaac	catgcccac	gcagtacagt	gctattaaag	aagaagatct	cgtgggtctgg	120
gttgatcctc	tggatggaac	caaggaatat	accgaaggtc	ttcttgacaa	tgtaacagtt	180
cttattggaa	ttgcttatga	aggaaaagcc	atagcaggag	ttattaacca	gccatattac	240
aactatgagg	caggaccaga	tgctgtgttg	gggaggacaa	tctggggagt	tttaggttta	300

<210> 193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 193

ggctctgacc	ctgcaggact	gggcagccca	gcggtgcacc	atctcctacc	gagccccaga	60
gctcttctct	gtgcagagtc	actgtgtcat	cgatgagcgg	actgatgtct	ggtccttagg	120
ctgcgtgcta	tatgccatga	tgtttgggga	aggcccttat	gacatggtgt	tccaaaaggg	180
tgacagtgtg	gcccttgctg	tgcagaacca	actcagcatc	ccacaaagcc	ccaggcattc	240
ttcagcattg	cggcagctcc	tgaactcgat	gatgaccgtg	gacccgcac	agcgtcctca	300

<210> 194

<211> 300

<212> DNA

<213> Homo sapiens

<400> 194

```

gaagaatact gtgaattcta tgactttatc aaaatccagc cacatccagg agcttgcagt      60
tgttgaccaa atgaatgatg acatagagta gttcagatct atcatgtgct cttctatcta      120
atcagtcaat atttccttgg cctccaagcc aacattcatt ttttatgtat aaccttcttc      180
atgattttga aattttgata gggtaactgc taatgagttc acaaagttag cactttaaaa      240
ggaaaataaa tggagagtga aaacaacttg gctacgtata attgtgggtt ttaatttttc      300

```

<210> 195

<211> 300

<212> DNA

<213> Homo sapiens

<400> 195

```

gttgagcaat atgaatataa tgccaagtac tgataaaaata cggaattcat ttagaatcaa      60
cataggtaga cagactgttt ttagtaaggt tttgtttttt ggtgaatacc atgtttgggc      120
tgtcagactt acttttcccc tgagatccat attttgtaca tgacatacca gatatatgca      180
atatgaaacg gaaacagttt ttcaatctaa tatccaggag tttgtgttaa tatcttgtga      240
acttgtggct cttggtatct ggcattgata aggctgtcta ctaatcctag agaaagggaa      300

```

<210> 196

<211> 300

<212> DNA

<213> Homo sapiens

<400> 196

```

ttgagaacct gcctctatcc cagaatgtgc tggagatttg aactcaaat cagtgttttag      60
tcttctgctt ggcaccatag cttaacctgc agtttcttca aaatgcccaa tgccttggtt      120
cctattacct tagattgcaa accagtctag ggaagtctat gagaaagtag catttaatta      180
aagtttaaaa aaaaaaagggt tgggcgttgt ggctcatgcc tgtaatccca gcactttggg      240
aggctgaggg ggggtggatca ctaggtcagg agttcaagac cagcctggcc aacatgggtga      300

```

<210> 197

<211> 264

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 197

```

ctaaaggcag cccccaagtc ccagaaagct gactccccta gcatcgacta cgcagagctg      60
ctgcagcact ttgagaaggt ccagaacaag cacctggaag tgcggcacca gcggagcggg      120
cgtggggacc acctggaccg gagggttgtc ctctgacagg cctggcacgg aggagggccn      180
anncgannng ntncatgant nnttnntgnt gnnngcnntn cngatgannn nntnggganna      240
ngnngntnnn actngntggn nctg      264

```

<210> 198

<211> 300

<212> DNA

<213> Homo sapiens

<400> 198

```

cactcatttg gaagagttag ttttgtgagc acaaagtatt aaggggccaag actggggctg      60
cacatgagca attatggggg ggagttgaga aaaaaaagtg tagcctgatg gaggtctctg      120
gaatagaaca agccttgccc atgcaggctt ccgagcagcc ctgggtgggg ttgtggggag      180

```

gccccagcg gcttgtggca gccttcagct ctgcaggagc ccgtggggtc tagagtcacc 240
 gccctctgtg aactggaagc tgctctaata ctgtgcacgt tttgatgtca caactatatt 300

<210> 199
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 199
 cctagaattt gtggagctgg gttgtatcat aggaaatgca agctgtgctg gtgttcacag 60
 ctagagagga gaatggttgg atgtgcacct ggctctgcag gaagcccatc tcagggttatt 120
 gctgaggata agaagctggc actggaatgg ttggaaaggc tgtaagagct ccacatgcc 180
 cctggccctt tttgggtatg tggtgcccag acctgagctg ctatttagtc tgacaaagat 240
 agagggattt tttttcttcc ccctttgggc aacctgcccc tgtattgtac agaggaaggc 300

<210> 200
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 200
 gagaggttca cagccaccaa gaagaagttt gcgtgaagtt ctccaggact atggaaacct 60
 tacaggatac tgacttagaa cctctgttgg aatgtggctg agtcaaagcc tcctgttggt 120
 gttaggggta tctacagtaa ggagatgata cttcaggaga ttatatttca ctcaatgac 180
 ttttctcatt tcagggtctt tctcaaataa gctaaaagaa aaaggatcag gagacaggaa 240
 aagtcttccg ttttgagtca tgagtagggc aatagacaag gttctcttca aaaccatcat 300

<210> 201
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 201
 gcctggaccg ctcatcgga ctcgtcgggc agagcttttg tgctgccttg caccaggaac 60
 tcagagaata ctatcgattg ctctctgttt tacattctca gctacaacta gaggatgacc 120
 aggggtgtgaa tttgggactt gagagtagtt taacacttcg gcgcctcctg gtttggacct 180
 atgatcccaa aatacgactg aagacccttg cggccctagt ggaccactgc caaggaagga 240
 aaggaggtga gctggcctca gctgtccacg cctacacaaa aacaggagac ccgtacatgc 300

<210> 202
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 202
 aaatatgcta cttagaaatt aaggcctctg ggttcaattt ttggccccag tgttgacctc 60
 tgtgtaagcc tggcaggatg tctcatctt gggtcacctt ttccttgcca acatagttag 120
 gtatgtagac caaatcattg ctaagagcct tctaacttta agactctagg tttagtcagc 180
 caaaagcatg tgattttccc agattttccc aactccttgt acctaatga aagtacacaa 240
 tgaacttgca agaatttaag catccttaga tgccagtctt cactttgggt attttcctgc 300

<210> 203
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 203

aattagtgga	gtgatctctg	aagacctagg	gctatgatct	ggagctgctg	tggctgaaat	60
ttggggcctc	tgaagtggca	tggagattga	ggtccagaga	gcctgagatc	ttgagggctg	120
acatttgag	agatggggc	gagggttgtc	tttgggcctt	gactgctttg	ggcctttctc	180
actctcattc	cgggatgct	ttgccagaat	ctctgctgga	ttggccgtaa	cctgtcccc	240
gagcgggctc	acagggctctg	aaggccacgc	atgaggcaaa	ggtaaagttc	tgagccaccc	300

<210> 204

<211> 300

<212> DNA

<213> Homo sapiens

<400> 204

ccccgataaa	atatcaatta	tgaagaggat	atctgaatat	gcagctgaca	ttttctatag	60
tagatatgga	ggaggtccaa	gactaactgt	gaaagccctg	tgtaagggaat	gtgtagtaga	120
acgttgctgc	atattgcgtc	tgaagaacca	actaaatgaa	gattataaaa	ctgttaataa	180
tctgctgaaa	gcagcagtaa	agggcgatgg	attttgggtg	gggaagtcct	ccttgccggag	240
ttggcgccag	ctagctcttg	aacagctgga	tgagcaagat	ggtgatgcag	aacaaagcaa	300

<210> 205

<211> 300

<212> DNA

<213> Homo sapiens

<400> 205

cacaagcaac	tttgctttag	aatctagaat	tcctttgcag	gcagagaagt	ctctacctcc	60
cagtgtttcc	tagctaagaa	cgtaaatgtg	aggagggaaa	tgtacttgca	gaggtttcat	120
aattattttac	ttataaaaaat	agtcttcata	gccggggcgcg	gtggctcacg	cctgtaatcc	180
cagcactttg	ggaggccgag	gtgggtggat	cacaaggtca	ggagttcgag	accatcctgg	240
ctaacacagt	gaaaccccg	ctctactaaa	aatacaaaaa	attagccggg	cgtggtggca	300

<210> 206

<211> 300

<212> DNA

<213> Homo sapiens

<400> 206

ggccaaagag	gtgctacatg	cattgaaaga	aaaggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtattttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccaac	atccccagtg	aaacttttaag	aggagccagt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300

<210> 207

<211> 300

<212> DNA

<213> Homo sapiens

<400> 207

gaaatcagta	gccccagaga	tacctggcaa	tagctttttg	agaatctgga	atacagttag	60
cactcaaaca	tttgtagaat	gaagggcagt	agaattatca	tttctcctcc	tgtctaataa	120
ctgtgacaag	ggagtggccg	gtgacttttt	ttggtagagc	tttttcaaga	aaaagtttag	180
tcctacggac	agttcggtag	ttattctact	tcagacactg	ggcatgtttc	atgttcttca	240
aaaagcccag	ttatactttg	gtttttttgtt	gtttgagacg	gagttttgct	cttattgect	300

<210> 208

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 208
 ctgctataaa agtatgattg tcgtcattac agtgattgct gattgagggc ttgctcagca 60
 cctttctggg ggctcaacga atgttctgtg atgttgagtt caccacccta taccctggga 120
 gagagatagt gtgtttccat ttcacaggtc agcagactcg agcacagaga ggtgaggtaa 180
 cacagcctgg caggagtggg gttgggattc aaggcctggg ctgaatgggtg gtgctctcac 240
 attgcagttg cactccaagg gacccttgca aggtgctaac agatgtgaat gccttttggg 300

<210> 209
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 209
 catttgtaaa gctgcaggga aagaggttcc acttcccagc aaccccatcc taatggctta 60
 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcgagtga 120
 gctggaagaa tctctacttg tgcctgcttt ctcttatgtc ccagacattc ttaaaactctt 180
 taacgaattc attcagctgg gctctgatgt tgaacttata tgccggtgcc tcttcttcc 240
 ccttaggatt cactttggac agatcactag caatcaaatg cttgtgccag tgatagaaaa 300

<210> 210
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 210
 ttcatcttct gctccaaagg tggtagcaag aggagtaccc agttaggggt tggagccccc 60
 atataacatc ttctgtcag aagactgatg gatctttttc attccaacca tctccctttc 120
 ccccgatgaa tgcaataaaa ctctgtgaca ccagcaacca ttgctcttta gaaatggggt 180
 ttctgatcat atggctgatg tggtatgggc agtatggatg tcttcatttg ttgcttctgt 240
 ttttcatctt ttttgtttta ttaataaaaa tttatgtatt tgctcctgtt actataataa 300

<210> 211
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 211
 gttacatcaa gagataaata gagtgaagca gaactagtgg tgcggaccag ctgcgccagca 60
 acagaagggt ttgtagtgg cctggcagtg gacagggagg ttggctagaa ctattacctt 120
 aggtccgtga taatatccct gaatccaact ttccagaaag aaataggtaa catatttttc 180
 accaggaagc ttcaccaga cactgaacag aatgggtctca gtgcactaat ggaggctcag 240
 ttaaagggtt gtggtagcac aaggaagaga cattctgact tggaaatttg gagaaggctt 300

<210> 212
 <211> 262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (262)
 <223> n = A,T,C or G

<400> 212

gtccaatagc	tgtgaagctg	gcagcccttc	caagcctggg	cagatcctaa	aaagacagca	60
ggcagagggc	gcagggctta	tggcctggcc	ggagttggga	ggtgaagcag	agggcacagg	120
gcttatggcc	tggccggagg	tgggaggtga	agcagagggc	gcggggctta	tggcctgtct	180
ggaggtggga	ggtgaagcnn	nnnnnnngag	gangttncnt	ntgnatnnnn	ntnntnanna	240
nanantnnnt	ntnnnannnc	tt				262

<210> 213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 213

agcactggat	gaaaacaagg	atggcaaggt	caacatcgac	gacctcgta	aggtgattga	60
gctggtggac	aaagaagatg	ttcacatctc	caccagccag	gtggctgaga	ttgtagcaac	120
actggaaaaa	gaggagaagg	tggaggagaa	ggagaaggcc	aaagagaagg	cagagaagga	180
ggtcgagag	gtgaagagct	agaaccactg	gocctgggcac	ctgtcctcct	gctgtgccgt	240
caccctggca	agggccgtga	gggcgattgc	tttgtggtga	ttctcagtgg	ctcatctaat	300

<210> 214

<211> 300

<212> DNA

<213> Homo sapiens

<400> 214

cttttctgga	gggagacacc	catctcctgc	ccttggacat	caggactcca	ggttcttcgg	60
cctttggact	caggcttgcc	acagaggcct	cccagggctc	tgggccagtc	agcctcagaa	120
tgagagttac	accactggct	tccttgggtc	aaccaccttc	ttacctggac	tgagcctcac	180
ttacagcttc	tctaggtctc	cagcttgacg	acagcctatg	ggaggacttc	tcagcctcca	240
taagtgtgtg	ggccagttcg	cctaataaat	cccctctcct	ggccggggcgc	ggtagctctc	300

<210> 215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 215

cctgacggag	gctttgctgg	ctgtggtgat	ggggattgag	ttgggggcaa	gggtccctgc	60
ctagactgtt	gacgtccctt	gggaagggga	cccaaggatg	aattggctgt	gaaggatcct	120
ccctgagact	ggcaaggagg	gaggctgagc	agaaggagtc	atcatggagg	agcggtgaga	180
tcattggaac	ggactccaag	atgacgatct	aaagaccggg	gagccagaag	ccaaggccag	240
gttctgggtg	tagggccag	agaagcagaa	cagcccagag	ccccagggtg	ctggcctggc	300

<210> 216

<211> 272

<212> DNA

<213> Homo sapiens

<400> 216

cttagccaga	tcgggactta	cagaagtcta	ccaatggtat	ctggaccttc	gtcgatttgg	60
atctgtgcca	catggaggtt	ttgggatggg	atttgaacgc	tacctgcagt	gcattcttggg	120
tggtgacaat	atcaaagatg	ttatcccttt	cccaagggtt	cctcattcat	gccttttata	180
gctggaagat	tggtaagga	aaagcacccc	ccatggcaga	gacactgcac	atgattgtgc	240
atacagcaga	atgcatgttt	ggattttaga	aa			272

<210> 217

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 217
 gaacttttga agagaaaaat tcgagctaga gggattctta aagccttaag ttacttgaaa 60
 tctatgtatt tgcaaccctt tgtctctgga atcatattac actaaactgg aatctcaggc 120
 tgaatgagaa taaccaagtg gagtaaaaag aagaaaaccg tttcttgatc accacttaat 180
 taacgatgct ctttctccaa aggatcagca cgttcttctt ctgagaactt gaaaatacaa 240
 atggacccca tgttttttta agcattacct tttcttagaa gactgccatc atcttttata 300

<210> 218
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 218
 cccaggcgta aatagagctc cctactccag accacctgcc acccacctcc caagttgaga 60
 acacaagctc cagctgggct ggagagtcag gcttggtgca gggtgacttt ggcgaagttt 120
 tgtcagatcc ataaagcaaa ctggaatttg agctttcact taccctagta tacgttctta 180
 aaaaaaaaaa aagtctatgg ggtataatcg agatggatac ctgggtcttt aaattacgta 240
 gggaattttg tatgttttaa taattgtact gggttcata aagcttatct taaaaacttt 300

<210> 219
 <211> 297
 <212> DNA
 <213> Homo sapiens

<400> 219
 ggagatccag atattcttag acctgctgtt tgaacctgtg aggcatttca agaatggaga 60
 gtgccattct gcagtcattc aagcagtaga agacttggat ttgtctaaag ttcttctctt 120
 aggtcgtcag cacggtatct taaacagcct tgagatagta ttgaaaaaca ttagtcatct 180
 gatcagcgca tacctgccga agattttgca gatactgctc tgtatgacag caaccgtatc 240
 acacatcctt gaccaacgag aaaagatacg gctgagattt attaatccat tgaaaaa 297

<210> 220
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 220
 gtggggtagg catgggggtg gacaggggtg acgggctcca cagagacagg atgggtggagg 60
 gagttgtgtg cagttgaact tgatcctgta gttggttttg acctgggtgtg gtccctccat 120
 gctgtggaag tgaaatgtga gggaacaggc ctgggggcag tgaggagac aggacaagcc 180
 tttcatctaa aagggtggcac agagcttaag gccaggagg aaggtatgaa gaaaagggtga 240
 ttgagaacta attaccaagg gaaactggca agacaactgg atgctgttaa tccgaatggg 300

<210> 221
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 221
 taaagctgct gtgatggcca ccttctctt tccaggacgg gagtttaaaa ttacacatca 60
 agagatgata aaaggaataa agaaatgtac ttccggaggg tattatagat atgatgatat 120
 gttagtggta ccattattg agaatacacc tgaggagaaa gacctcaaag atagaatggc 180

tcatgcaatg aatgaatacc cagactcctg tgcagtactg gtcagacgtc atggagtata	240
tgtgtggggg gaaacatggg agaaggccaa aaccatgtgt gagtgttatg actatattatt	300

<210> 222
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 222	
gagaggagca ggtgcagtga ttcataccca ctctaaagct gctgtgatgg ccaccettct	60
ctttccagga cgggagttaa aaattacaca tcaagagatg ataaaaggaa taaagaaatg	120
tacttccgga ggggtattata gatatgatga tatgttagtg gtaccatta ttgagaatac	180
acctgaggag aaagacctca aagatagaat ggctcatgca atgaatgaat acccagactc	240
ctgtgcagta ctggtcagac gtcatggagt atatgtgtgg ggggaaacat gggagaaggc	300

<210> 223
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 223	
attgggggact gacatcttaa gctctcacct ggctgcagta ggaaaggcca aactgacgac	60
aaaaaaaaaa ttctttataa agatgatatg gtaacatgta tctttgccct gggctctgggt	120
gggtccagtc agtctcagat ttacaagcat ttatgagcct aggtaaaagc tgctaataatt	180
cttttaaaag cnnnnnnnnn nacttgcctg atagaaaact ccttccgggg gggnggattt	240
tataatanta cgtgngnnct naacanagtn a	271

<210> 224
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 224	
aagtctgttg ccattccatc tctgtgttaa cacttcatat ttttatgaaa ttcagataat	60
ttgtgagagg ctggcatgga tctaaggatt tattattttt attctagtcc atcagttcag	120
tcgcagtttt tatactagga ctttaggatg tacataaatg tgtgactgtt tgtcttgatt	180
aaaagtgcac tttggcctgg gcatgggtgg tcatgcctat aatcccagca ctttgggagg	240
ccaaggcggg tggctcactt gaggctagga gttcaagact agcgtggcca acatgaggaa	300

<210> 225
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 225	
gctcagcagg cagacgaatg aggaataaaag gtcagagaag gtcagagctg agtgacgttt	60
ggaatccacc ccgtttattg tagaactggg ggttcagagg gcaggtgcct cagagttgag	120
gccacacagt gaggtctggt gggtgaaagg acccaggaac gaggcgttca ggaaagcagg	180
ttgtcagagc tatgtggagt ctgtgggtgg caggggcagc cgctccagcc tttgaagact	240
ttgaaagcca gagattcctg gcgcaggcct ggacttcctg ggagctcctc caagtaccca	300

<210> 226
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 226
 gtgggtttcct gcacatcttt ggagtagtta tgactttctca gtttttcccc ccttaaactg 60
 cattgcctat tcttttttcc tgacatgcta tcaggatatca gtgtgttgaa tacatactgc 120
 ttgtgtatca gacttacgtt actgtcatca ccattaaaag aattgcagct ttgtgccccca 180
 tgaccttcag ctacagttgtt gactgtcatt catgaatgcc taaagcatac tgacaccagg 240
 tataagtact tgaagatcaa gaactagtca ataaaacatg agcaacataa tggtaactat 300

<210> 227
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 227
 acagggtcaa aattttcatt ctgcataagg taggtttagt ctttttcaaa acattctagt 60
 aggcaagtct gtagctgaat cttggaagaa aggcaaccat agtaatatatt ttgagttcct 120
 actgtttatt ttttcaataa aaactcaggt tctcagggtta gcagatcatg gtcttaggaa 180
 ggtagctgta gaaccaaaat ataaattcct aagctttctac caattgggtc ttactgaaat 240
 ggcaattgag agagaagtaa atctcttggt tttcaccata gttactttat gtttcctttc 300

<210> 228
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 228
 gacttgtgtt caggcaggtt ttctnggacat gnacataaaa naacagattc aggaacagca 60
 ccaggctgcc attattattc agaagcattg taaagccttt aaaataagga agcattatct 120
 ccacattaga gcaacagtag tttctattca aagaagatac agaaaactaa ctgcagtgcg 180
 taccacagca gttatttgta tacagtctta ttacagaggc tttaaagtac gaaaggatat 240
 tcaaaatatg caccgggctg ccacactaat tcagtcattc tatcgaatgc acaggggccaa 300

<210> 229
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 229
 ggtgccatgg agttcaccat ctgcaagtcg gatatcgctc caagagatga gttcctcaga 60
 aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc 120
 atcgccctcg ccaacattga agctgtggcc gccagaaca agcactgcct gctggaggct 180
 gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcac 240
 cgggtgtgtg agaagaacat caagaggttc agaaagctgc tgccccggcc tgagacggag 300

<210> 230
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 230

aatccccacaa	agcctagcac	caaacttctt	ttttttcttcc	tttaattaga	tcataaataa	60
atgatcctgg	ggaaaaagca	tctgtcaaat	aggaaacatc	acaaaactga	gcactcttct	120
gtgcactagc	catagctggg	gacaaacaga	tggttgctca	gggacaaggt	gccttccaat	180
ggaaatgcga	agtagttgct	atagcaagaa	ttgggaactg	ggatataagt	cataatatta	240
attatgctgt	tatgtaaatg	attggtttgt	aacattcctt	aagtgaaatt	tgtgtagaac	300

<210> 231

<211> 300

<212> DNA

<213> Homo sapiens

<400> 231

cacaaggaga	agaaagttaa	ttaacattga	aagatgagaa	gacatcttgg	aagaacttga	60
attgggcctt	ggaagaagaa	cagccattca	aatagataga	attgtggtag	caaaggcata	120
gaggtaggaa	agtatagatc	tccagggaca	gtagtcatgg	ggttggggca	ctgttggaat	180
ttaaggtttg	aaggatatat	tggagcccct	tgaatacggg	aacaaggcac	accttgggca	240
gtggagagtt	atcagagtgt	ttgaaaagga	gggttattga	gtaaataaat	agactggtac	300

<210> 232

<211> 300

<212> DNA

<213> Homo sapiens

<400> 232

gttaaactgt	cagtattgga	tcttagaagt	aatgatttat	taggactgta	atagtaatta	60
ttaggactgt	aaaagtaaa	gattattatc	tgcattagat	atcattatat	ctaattgat	120
agagactgca	gacataacta	cagggctctt	tttcttaaat	cagaaaatcc	agattcaata	180
gaaatagggt	aaagtgatag	gaggacaaat	agccttccat	ccagtgggta	tcaactgacg	240
actacaagtc	ggcctcactt	gctttaatta	ttctattcta	tcctttgatg	ctgcttgaag	300

<210> 233

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 233

ggcagctaga	gtcaggaaaa	tgaccctcat	atgcttttaa	tctttgtttc	agttgtctgt	60
caggggtgaa	taaagaagct	actggtttat	tcccaattgt	tgatgccttt	aggatgtgtg	120
gaatcttttt	ttttgcctag	gaggggccag	ttgaaaatct	gtgactcaag	aggcagtgaa	180
cagaatactg	ttttctgggg	aaaaattggg	tggctacttg	atgttaattn	nnnnncagta	240
acagganaag	gntgtgtctn	ngctattntg	nng			273

<210> 234

<211> 300

<212> DNA

<213> Homo sapiens

<400> 234

```

ccacctctca gacgtgagta aggaattgcc ctcccttgtct cagtggggaca aggcttgaag      60
ctaattggag gaggtggaga gaaatttaga gggggctctg gttagggtag ccataaaaaat      120
agagatgctt gggatgttct gagcaaagga gccagaatgc agagaacagg accacagccc      180
tagtagctag ggggggagtt tgagatgcag cctgggggtg cctgacctaa tttcagagac      240
ttaagggcca gtgtcagtga cagggtcagc aggggtgggt gagaatctgc ttaaggctag      300

```

<210> 235
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 235
ccttccacgg ttatttcaca gatatggaga gctggaagca gggagtgagt ctctgagtgt      60
tggaattgta agggatcaga agcagggatc agaagcagtg gtgaagtcca tccaccataa      120
aacacacagg tgactttgcc ttgaatctgc aggactgaag ccaactcttg ggcacagacc      180
cttagtcctt tccttgacca ctctaagtca gatagtccag agccaggccc tttgggatgt      240
gacaccgaga taaatcagag aaaagctgtg aagcttgggg aacagaggga cttttggtga      300

```

<210> 236
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 236
cagtgaagatt cctcttctgg tattaccttt gcttcattgc tgaatcttct ccaatatcat      60
cttctaaaaa gagcctttta aaatcacctt ttctattatg cctactcat ttccagtccc      120
tgaattgccc attccccact tcatagcact tattgctatc tgaaattaca ctaaatgtca      180
ccttcatgat ggtaggcaat ttattgcctt tgtcactgtt atgtctagag aacaagcagc      240
tggctcatag taggcactca acaaataatt gttcaatgaa gaatttataa atgaatgcct      300

```

<210> 237
 <211> 274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

```

<400> 237
ctgggctgca tctggccctg gctggaggcc ttgctttgag gggctgagac cctcttcccc      60
caggccctcc ccagccgacg acagccaccg gagaggagat cggaacacga ttgnnnnnnn      120
tgcagggcgc tgggcggaac naatccncaa ggactctgan atnnnccctt gnnantnncn      180
angngannna nnananannn ntatacatan anccnnanac ccnaannaca nacannnggc      240
anancnannn nancannnnn aannagnnna nnna

```

<210> 238
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 238
tgtcaccttc tcccacagcc atttccaccc atcgttgtct agaatctctt tcattagcac      60
attccaaccc ctctgccact tggtttagaa atgagctccc tggctcagtg ggcctttcag      120
aatctggaac cagacggagg tggagttaag aagataggac agaacaggca ggcccagggtg      180

```

ctatgggtcc actggggaga gaccatttaa ttctccagat gctttactcc ctgattgtct 240
 tttageccatt attcttttctg ttttaagaga catgggtctca ctctgtcacc caggctggaa 300

<210> 239
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 239
 caggattggt cattttgtct tttgtttgtt ttggggaaca ggggtcaaaat tttcattctg 60
 cataaggtag gtttagtctt tttcaaaaca ttctagtagg caagtctgta gctgaatctt 120
 ggaagaaagg caaccatagt aatatttttg agttcctact gtttattttt tcaataaaaa 180
 ctcaggttct caggtttagca gatcatgggc ttaggaaggt agctgtagaa ccaaaatata 240
 aattcctaag cttctaccaa ttgggtctta ctgaaatggc aattgagaga gaagtaaatac 300

<210> 240
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 240
 gcactgcgtc aagccactcc tggagaagaa tgatgtggag aaagtgggtg tgggtgatttt 60
 ggataaagag caccgcccag tggagaaatt cgtctttgag atcaccacgc ctccactgct 120
 gtccatcagc tcagactcgc tgttgtctca tgtggagcag ctgctccggg ccttcactct 180
 gaagatcagc gtgtgcatg ccgtcctgga ccacaacccc ccaggctgta ccttcacagt 240
 cctggtgcac acgagagaag ccgccactcg caacatggag aagatccagg tcatcaagga 300

<210> 241
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 241
 gggatgaata ttttaaggtga agcaaagtag ctgtggctac ttggggccaa aagcttccca 60
 gatgctcctg ctctaagcac atgatgtttt ttggggaaag tggtagcagg tagaggggtg 120
 cagaaagtgt gagaagcact tgtttagagt gaccagaca tgcctcttga attgaattcg 180
 gtgatctgct tcttcagctg ctttcttgct cctgcccagc aggatgccag gaaacacata 240
 gccctgtaga aaatcactgg agaagaggat gattggagtt cttcatttct taaaaaacag 300

<210> 242
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 242
 aaatgaagtc cttgagccag aaaaggatac cagccccact gttaagtgat gattgtgtgc 60
 taaagcagcc taagagttct atcctaacac aagagcctag aaagtaactt cttaggcagt 120
 gtccaaagaa tgccagtagt ccttggggac ttttcagagg tgcttggctt gaatcaattt 180
 ctagatccca aagcagagtc ttcatgcaca ttttgcggt gtagtgtaca gcaaatggct 240
 cttggctagg tttagaatgc tgcttttacc attctctgta cctgaccag tttgagtctc 300

<210> 243
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 243

agaacgttct	caggttgacc	agctgetgaa	tattttttta	agggaggaag	aacttagtaa	60
gtcattgcag	tgcattggata	acaatcttct	gcaagcccg	gcagcccttc	agacagetta	120
tgtggaagtt	cagaggctac	ttatgctcaa	gcagcagata	actatggaga	tgagtgcact	180
gaggacccat	agaatacaga	ttctacaggg	attacaagaa	acatatgaac	cttctgagca	240
cccaggtttg	gcatagaaat	ggtacccctt	gttcaaaatg	aacaagaagc	cttagatttg	300

<210> 244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 244

ctccagtata	acctcatctg	tatccgcagc	aaccgtttac	caataaggtc	acattctgag	60
gtactagagg	ttgggacttc	aacatcgga	tttgaaaggg	acagcattca	gccccatgact	120
ccagataaac	gtgaggtatg	ctatatcatt	cctaatttac	agatgagtc	atacaaactt	180
gagtgaagctt	gtcacaatt	ccatcaaagg	cagggttcag	acccaagttt	cagcatttag	240
ggcaggtgtc	ctctgcatgg	aagaaccata	ctcaatagcc	gtaaacgctg	acaaattccc	300

<210> 245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 245

gctgtctggg	tectacattc	actactttca	ctgcctaaga	atcctggacc	ttctcaaagg	60
cacagaggcc	tcacgaaga	atatttttgg	ccgatactct	tcacagcgga	tgaaggattg	120
gcaggagatt	atagctctgt	atgagaagga	caacacctac	ttagtggaa	tctctagcct	180
cctggttcgg	aatgtcaact	atgagatccc	ctcactgaag	aagcagattg	ccaagtgcc	240
gcagctgcag	caagaataca	gccgcaagga	ggaggagtg	caggcagggg	ctgccgagat	300

<210> 246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 246

tggtgtctca	ccactccatt	ggcctgcctg	cgcgcgaatt	cccttcggtg	ggccccggtt	60
ggctgcaggc	tgaggtctat	tccactgacc	acccctctcg	gtgccgcccc	cagtgatcct	120
ggtgcacgcc	tcgttgcgcc	tgcgcaacct	taagaacaag	attgagaaca	agatcgagag	180
cattggctctc	aagcggacgc	caatgggcct	gctactagag	gcactgggac	aagagcagga	240
ggctggatcc	taggcccttg	ggatctgtac	ccaggacctg	gagaatacca	ccccaccccc	300

<210> 247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 247

agaaaaaaca	cagagagaaa	aagaataacct	gagatatgta	gaagctttac	gagcccaaat	60
ccaggagaaa	atgcagctgt	ataatattac	tttacctcca	ctatgctgtt	gtggctcctga	120
tttttgggat	gtcactcctg	atacctgtgc	caacaactgt	attttctata	aaaaccacag	180
agcatatact	cgggcactac	attcattcat	caattcctgt	gatgtccctg	ggggtaattc	240
aactcttcga	gtcgcaattc	ataattttgc	ttctgcacac	aggcggactt	tgaaaaatct	300

<210> 248

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 248
 ccaccttggc ctctcaaagt gctgggatta caagcgtgag ccaactgtgcc cggccagaag 60
 gagtggtttg agaatggcta agagaagata ggttgaatag ctatgcctac atgtcactaa 120
 ttaacatctc agagatctct gctacagggt gtcgtcctca ttttgtctaa ttttttcca 180
 atggcatgag tataggaaga taaacgggga atgttttgaa gtaataaaaa aattccatcc 240
 ataaagaaga acaacatgta ttaagctttg tgcaccaaac aacacaacag gaagacacat 300

<210> 249
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 249
 tgttactggt gcccatatag atgtggataa acaaaaagat aagaatggcg agagaatgat 60
 cacaataagg ggtggcacag aatcagcaag atatgcagtt caactaatca atgcactcat 120
 tcaagatcct gctaaggaac tggaagactt gattcctaaa aatcatataa gaacacctgc 180
 cagcaccaaa tcaattcatg ctaacttctc atctggagta ggtaccacag cagcttccag 240
 taaaaatgca tttcctttgg gtgctccaac tcttgtaact tcacaggcaa caacggttatc 300

<210> 250
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 250
 ggggccgctg ctcaagttcc agatttgtgt ttcttgaggt tataggcggg tgtttgagga 60
 gtacatgcgg gttattagcc agcggtagcc agacatccgc attgaaggag agaattacct 120
 ccctcaacca atatatagac acatagcatc tttcctgtca gtcttcaaac tagtattaat 180
 aggttaata attgttggca aggatccttt tgctttcttt ggcattgcaag ctcttagcat 240
 ctggcagtggt ggccaagaaa ataaggttta tgcattgtat atgggtttct tcttgagcaa 300

<210> 251
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 251
 tgaagaggag atcgttgacc tgggctcctt atgtgcctga aagagtttga gtttctgtt 60
 aactccaaat caacagtatt ttcaacaaga aatgtgcaat tgaaatcaag tgctgtttaa 120
 gtgcagctag gatttccaca ggaagacact tgcagtgaac agagttatgg agcagcaaaa 180
 acacagatct atttggaaaa agagaaaaca tatgcgttgt attttgcttc aattataaaa 240
 taccatcctc tcaaagggtg ttctaaatta caaaggactt tgatttctag gtagattctg 300

<210> 252
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 252
 gaacaaagaa ggaatgtctt cctcatgttt gggctctatag aagacgttaa agaaaacttc 60
 cagaaagtgg gtttgaggca tgagccacca cgcctggcca aaggatttaa tgaattaatg 120
 gatgtacagt gctggggctg ttattctagg gcctgcattg agactcacat ttgccatca 180

aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actcgggect 240
gagtgacaga gtgagactct gtctcacaaa aaaaataatg cccctttaat aatgaataat 300

<210> 253
<211> 300
<212> DNA
<213> Homo sapiens

<400> 253
gaacaaagaa ggaatgtctt cctcatgttt ggggtctatag aagacgttaa agaaaacttc 60
aagaaagtgg gtttgaggca tgagccacca cgctggcca aaggatttaa tgaattaatg 120
gatgtacagt gctggggctg ttattctagg gcctgcattg agactcacat ttgccaatca 180
aaagcctttt aagaggtgga ggttgcggtg agctgacatg gtgccactgc actcgggect 240
gagtgacaga gtgagactct gtctcacaaa aaaaataatg cccctttaat aatgaataat 300

<210> 254
<211> 300
<212> DNA
<213> Homo sapiens

<400> 254
gttacoccttc agataaagaa gggaagaagc ctaaaggaca gtcaaagaag cagcccagtg 60
gaaccacaaa aaggccaatt tcagatgatg actgtccaag tgccctccaa gtgtacaaag 120
catcagattc agcagaagca attgaggctt ttcaactaac tccccaacag caacatctca 180
tcagagaaga ttgtcaaaac cagaagctgt gggatgaagt gctttcacat cttgtggaag 240
gaccaaattt tctgaaaaaa ttggaacaat cttttatgtg cgtttgctgt caggagctag 300

<210> 255
<211> 300
<212> DNA
<213> Homo sapiens

<400> 255
gggctcttgt cattttctcg ctctgtggca ctgttcagag gatatcaagg gccccttgat 60
ttgtatccag aattttaccg aattgctaca gacccaacca tccacactgt cccagaaggc 120
agacctgtga atgtctgagt gggaaaagag tggatcgat ttcccagcag cttecttctt 180
cctgacaatt ggcagcttca gtccattcca tcagagttca gaggtcagtt accaaaacct 240
tttgacagaag gacctctggc caccgggatt gttcctactg acatgaatga ccagaatcta 300

<210> 256
<211> 300
<212> DNA
<213> Homo sapiens

<400> 256
gcttttgaaa ttattagata taccctattc ccttcctccc atttttttcc tgetagtga 60
aaaggtagat gagtaggaag attaggactc ctgagttgcc catgatttca tctaattttt 120
ggattcagaa tgtattttat gaataatatg cagagatgca tattaggaat gtgaagccag 180
aatgggtcag ttgtagctgc tgcaaagtcc tgtagctgat ggtcatttaa ttgcatgggg 240
gttattttat ctttcatgat tgtggtgcac ctgatgctgg cggggatttg tgtgtttttg 300

<210> 257
<211> 300
<212> DNA
<213> Homo sapiens

<400> 257

gccaggtgta	ttaggatctt	ttagatgtag	tttaatgaag	agtttatggc	ttaaagtgag	60
acagtattac	ttcagagctc	agcttctctc	cttggaattt	ctctcagcaa	atgggagaag	120
taacgtctgc	ccttcggagt	tgttacaagg	agacaagata	aacacagggc	ccaagtgcct	180
ggtaaagtgt	aagtgcgtgt	attagagtca	ggtgttctag	tcacaggtcc	tcaacagata	240
cagctttggc	agtaggaggt	gcagctgacc	tgagctgttt	ttaaattaaa	attaaagcca	300

<210> 258

<211> 300

<212> DNA

<213> Homo sapiens

<400> 258

atgtgatgct	acaaagagct	ttgttgaatc	ttcagaaaac	aaaatctgaa	gggcagagcg	60
aaggaatgct	ggcatttttg	aaaccctttt	gaggcttatg	ttgtcatggt	cataattcag	120
cagatagaga	aaaaaccgag	aaactgtaga	ataggctatc	caactccac	atggggagat	180
acagctacag	ataatgttct	caggaccctt	tgtctttagg	tgacagtaaa	gatctgcatt	240
tttagagagt	ggaagagtat	ccccattctt	gcctgttgca	actgtggatc	ccagtcgcca	300

<210> 259

<211> 291

<212> DNA

<213> Homo sapiens

<400> 259

ctacacagtt	cccattcatt	accttaacat	tgtactgaga	gagaccaggg	tctgacctgt	60
atagcagttt	gagtcgaggg	gctgtcaaag	gggttgccaa	agtcactctaa	aggacttggc	120
aacagaagta	gcattatgac	ttggatccac	ttctttatag	accaatattg	gcagccatga	180
aggctggctt	gtcctgggtg	cggaattcag	ttttagtggc	tgaatgcaca	gacagcagga	240
agagagaata	ggggacaatg	aacaacagag	agagaagaaa	tgacagtgtgt	a	291

<210> 260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 260

tgtacttatt	cttgattgcc	acgtctcatt	tggattcccc	agactctgat	tagaggcact	60
gccaccagga	gagattttat	ctaaccaata	gtacttccag	gaagatcctc	acccttgtac	120
tttcaagaag	cacttgtaat	taatgttcag	cttcctgaac	actgagtggc	acttgaaaat	180
ctctgtgggt	tatagcctta	caaaagctac	tctggagggt	gaggcaggag	aatcgcttga	240
acctggggag	cagaggttgc	agtgagccga	gatcacgccg	ttgcactcca	gcctggggca	300

<210> 261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 261

ccggacgcag	gccctcgggc	aggagcatct	ggcagagtgg	ggggcggtggc	aggcaccctc	60
ctttgcaggg	cgaggtgggg	cctctgcagc	catcctggac	aggccggggc	ggcggcagct	120
ttgcccacgt	ggaagcgggg	tgggtctcac	ttgcgtgggt	gcccctggcc	ccatcttgcc	180
tgctgcggcc	tggggagcag	gcgctgggtg	gtggttctgc	ctgcttgcct	ctcgctcccc	240
gggcacgcgt	gggcagcggg	gggcacgcgt	gggcagcagg	gggcctgggg	cagcgggggc	300

<210> 262

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 262
 gcacccctctg atggcactgt aaagatctgg aatatgaaga ccacagaatg ttcaaataacc 60
 tttaaatccc tgggcagcac cgcagggaca gatattaccg tcaacagtgt gattctactt 120
 cctaaaaacc ctgagcactt tgtggtgtgc aacagatcaa acacggtggt catcatgaac 180
 atgcaggggc agattgtcag aagcttcagt tctggtaaaa gagaagggtg ggactttgtt 240
 tgctgtgcc tctctccccg tggatgaatg atctactgtg taggggagga ctttgtgtct 300

<210> 263
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 263
 atttctactt gagctaagggt agtattgtgt atcctctttc cttcttaggt atccataatc 60
 cacaaagcat atttaaaagg ctcttggcac gggcagcatt ggttgagcag gtaggtttgg 120
 ctagggggaa atgtttaact tgttctgaaa gaaaaactta tgtctgtagg gtccaagaaa 180
 cagctattcc agagtctagt tcagctgagt ctggaacata tgaagtgagg tttacttcta 240
 agaacacaag tgactgcaca ctaattttgt caaggcatct tttcactact ttgctgtaga 300

<210> 264
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 264
 gctcttgggt tttatgtccg ctgcttcttg gttgccgaga cagagagatg gtggtctcgg 60
 gccagccct cctctccccg cctcttggga ggaggaggtc acacgctgat gggcactgga 120
 gaggccagaa gagactcaga ggagcgggct gccttccgcc tggggctccc tgtgacctct 180
 cagtcctctg gcccgccag ccacgctccc cagcaccaca gcatgcaatt gcctgtcccc 240
 cccggccagc ctccccact tgatgtttgt gttttgtttg gggggatatt tttcataatt 300

<210> 265
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 265
 gacttctaaa tatatcttgg atataatagg tgataagttc tgtcaattag taacatctga 60
 aaaaacagct ttgtcctggg tgaaaaagga tgccaaaatt gcctggaaaa gagcagtga 120
 aggagtccgg gagatgtgtg atgcatgtga agcaacattg tttaacattc actgggtctg 180
 caaaaaatgt ggatttgtgg tctgcttaga ttgttacaag gcaaaggaaa ggaagagttc 240
 tagagataaa gaactatatg cttggatgaa gtgtgtgaag ggacagcctc atgatcaca 300

<210> 266
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 266
 gtcacctcca ctagaggggg ataaaaagga taataggaaa tcagaatatt ttgatttcta 60
 gttcaactgt tgatcaatta tctttgagac ttttaacatt catgactaag gaggattaat 120
 aattaacatg agctgtagaa ttaaggtttg tatggcatga taagtataaa ccagttttgg 180

gaccgctata attctaaaaa agcaggtaga ctagatgatt agttgtacac ttattactgc 240
 taattcttga ttgtagaaca aattttccta tgaaaaccat gttgtgtatt ttatatctct 300

<210> 267
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 267
 gatctctata ctagtgaaca gtgccagttc cacactttgg acttagaact gttctctagt 60
 tattgtaaca cagaatactg tcaatcccta atttacttaa tgttacttat tgggaagtggg 120
 gctgatgaaa tacgcacagg agggaaatct actgtgttta ggcacaggca gccccagtgt 180
 ataaggagat catattccaa aagggtgtca gttgggtgtt tgcaacctgg aatgtatttt 240
 cctttagaga ccaggttatc catggtgggt aggccctag agcagctgga aaagatgatc 300

<210> 268
 <211> 276
 <212> DNA
 <213> Homo sapiens

<400> 268
 gaggccactc tgctggccac ctccagtggg tgctgaccac aggatgggct ttgggtacac 60
 tcattttcac cctgattctt gccccactt tcataaaaga aacttcaaaa tgctgacgct 120
 ttggagagta agaaaatcaa tcttggctgg gcacggtggc tctgctgt gatcctagca 180
 ctttgggagg ctgaagctga aggatcactt gagctcagga gttggagacc aacctggga 240
 acataacaag acctgtctc tacaaaaaaa aaaaaa 276

<210> 269
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 269
 gctgccacca cccccgggccc cagcctgtct gaaagttcag ggtttagggc gagaaaccgc 60
 gtggggaggg gtggggagcc ggagctctgt ggcggggctg gagggctggg gtgcacttta 120
 gtttggggcg ggacgggagc cgcctgtgtg actggcggtg tctggctgct gctcccgaac 180
 ggaggggtcg ggggttgctt gctgggccc cagagcccag tgggtggctc tgactcggct 240
 cctactccc tgcaccagc tgggcgcagc cttggggcct gcggtctgaa tgtatccctc 300

<210> 270
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A, T, C or G

<400> 270
 gactcatntg cagtgttgtc agaaacaaat aataaagccc caaaagataa actagttgaa 60
 aaaactggca aaatctgtat acgtggaaat ttaccaggac agagactgaa gaataaagaa 120
 aatgagtttc attgccagat catgaaatcc aaagaaactt taaagaagat gagttgtgta 180
 aatggaactg aagggaggga agagctgctc tcgctggta caaagcacac atgtgtatac 240
 acatgggtca agcagtgtg gtctgtggct gcctgtccag aggaatggaa atatcctttg 300

<210> 271
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 271
 agtggctgga taaaaggatg tgtgggaaag aactgagttg aaattaggag ttagaatttt 60
 attctttggt actaaggaat cattgaagat tttaaaatta gggctgacat aatcagattt 120
 gagtttgga acctatagtt tgggactgga ggaagacagg tgccagacac cagttaaaaa 180
 gctgttattt tctaagcagt agacaaaagg ttacactgac aatagctgtg gagatagaga 240
 aaagctgcga gatttcagag ttttccaagg tgtaaacac taaattttgt gatcaaatg 300

<210> 272
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 272
 ggaacctact agatggacag gctgaggtgt ttggcagtga tgatgaccac attcagtttg 60
 tgcagaaaaa gccaccacgt gagaatggcc ataagcagat aagtagcagt tcaactggat 120
 gtctctcttc tccaaatgct acagtacaaa gccctaagca tgagtggaaa atcgttgctt 180
 cagaaaagac ttcaaataac acttacttgt gcctggctgt gctggatggt atattctgtg 240
 tcatttttct tcatgggaga aacagccac agagctcacc aacaagtact ccaaaactaa 300

<210> 273
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 273
 ctggttttga ttggtcagat tcttttttca ctacggcggt tttttctttt atgtcttgtt 60
 ataaagaagt atctcattgg accctattat cggaagctgc acatggaaaag caaggggaac 120
 aaagaaatcc tgatcttggg aatatctgcc tttatcttct taatgttaac ggacacggag 180
 ctgctggacg tctccatgga gctgggctgt ttcttggtg gagcgctcgt ctctctcag 240
 ggccccgtgg tcaccgagga gatcgccacc tccatcgaaac ccatccgcga ctctctggcc 300

<210> 274
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 274
 ccacgactca tttgtttcat tcacattcct cactgcaac aacataatta tattttaaga 60
 aaatgtaact ttgttacatc aaaatatgtt gtctagtaaa aagttgatat tcagtagaac 120
 aaggatcatg taaataaaca tctatttcac atgtacccaa aagcatttaa aaagcagaat 180
 ccagggccca gagcatgagc cagggaggag gatgttttct ttcttttctc tatttttccc 240
 taaattgtgc aaacataggt gagtctctta acctttctgt gcctcagttt ttctacctct 300

<210> 275
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)

<223> n = A,T,C or G

<400> 275

ccacgactca	tttgtttcat	tcacattcct	cacgtgcaac	aacataatta	tattttaaga	60
aaatgtggct	ttgngcatca	aaatatgttg	tctagtataa	agttgatatt	cagtagaaca	120
aggatcatgt	aaataaacat	ctatttcaca	tgtacccaaa	agcatttaaa	aagcagaatc	180
cagggcccag	agcatgagcc	agggaggagg	atgtttttct	tcttttctct	atttttcctt	240
aaattgtgca	aacatagggt	agtctcttaa	cctttctgtg	cctcagtttt	tctacctcta	300

<210> 276

<211> 263

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (263)

<223> n = A,T,C or G

<400> 276

gtggcaactt	gatgaaacag	ccaaatgcac	cagggcaggt	cactttccca	ttacactgat	60
tccacaatta	aaaaaaaaaa	aagaaaaaaaa	actcattgaa	atagctacag	ttctataggt	120
taattttaaag	cctccttttt	ctactcattt	ttgaaaccaa	aattacattt	tactatttta	180
cataaccagt	gaaaagacgt	tgaaagccta	cagnnnnnnn	tntttggngc	tctgaaaatg	240
ntnangnnnn	ntntntnnnn	ttt				263

<210> 277

<211> 300

<212> DNA

<213> Homo sapiens

<400> 277

tcactacact	taaaaataca	agggacatgt	taggcaatca	gatgctttgt	agaaactgag	60
ctatttgctg	gcctggcgcg	gtggcccaca	cctgtaatcc	cagcactttg	ggaggccgag	120
gcagtggctc	acgaagtcaa	gagttcaaga	gcaacctggc	caagatgggtg	aaacctgtc	180
tctactaaaa	atacaaaaat	tagctgagca	tggtgggtggg	tgcttgaggc	tgaagcagag	240
aattgcttga	atttcaggag	gcggagggtta	ccgtgagcca	agatcgcgtc	acagccctcc	300

<210> 278

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 278

cctgtctcta	ctaaaaataa	aaaaatgacc	tgggcatggt	ggtggggcgcc	tgtagtccca	60
gctactcggg	gcgctgaggc	aggagaatcg	ctcgaaccca	ggagggtggag	gttgcaagtga	120
gccgaggttg	cacaattgca	ctccagcctg	gcgacagagc	gagactcgtc	tcaaaaaaaaa	180
aannnnnnnn	nngggnaanc	ntnnnantgg	ggnnnccact	tgcnttttgc	cnggnnnncc	240
cangttntnc	ctngttttcc	nggnatttta	ncccccttcc	atttttgana	aaagac	296

<210> 279

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 279
 ctggctcaga tgtgggatgt gtatggaaga atataaatga tgggtgtggat gtcaggggtga 60
 gggaggagac aaaaccacga tgacccctag ctttgtggcc tgaactgtgg gtggctgagg 120
 ggatcggttaa ttgaatgggg cagactgagg cttgtgagga agatcagagt ctggttcttg 180
 acatgagatg cccttcagac atctcttcac tcagggtccaa ctagggatac agaaacactg 240
 aatatttcaa cagcagaaat tgaatggggg gattgatagc gctggcgagg gaagcagctg 300

<210> 280
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 280
 gaaatataga gagatgtggg atttgaatgc ccatgaaaga cattttatatt tacttgaata 60
 tattcttgct tcactttacc ctccataata tgttgtacat tagtgctgat caagtttaca 120
 gagttacatt ttgctttcct aaccattcag tcaggaatta aaatatggca ttgtataaca 180
 actgggaaga agctcatagt ggatataaat tagagtagat aatgggtcac cttgatagcc 240
 tctgtttaca ttacttgtat atgggcaaaa taattattac ctatacgtgt atttaagctt 300

<210> 281
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 281
 atcttttaggc tccgtgtgtg aaatgcagca agcctgcccc cagcagcctg tgggctaata 60
 ctgagctgtt ccttcgttta ggtacacagg tgaccctgaa gttcccactc ggccctctgt 120
 tttctgagtc ctgtctcctc tgtagcacag tggggattgt tctgaaccgt ggcacgcctt 180
 cttggcgagg caggctctct tatggaacca tagtctgtta cctcatttct tccaactgct 240
 ctgtccccta aatgtgtgtt cccaggtgca gtgcagcaag ggtgctcgct gttggccttt 300

<210> 282
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 282
 cctgtttcca ggagatatgt gtgtccatca gcagtgataa aaatcttggg caggtgttat 60
 tgcactgttt gtatgattca gaccaccta ctctgctgga aacaagcagg ttgttgctta 120
 cttgcctttc ccaggcagaa gtggccagtg tttgggttga aaggatccag gaacatccag 180
 ctatttatga tagcatttgc ttcattatgt caagttcaac aaatgttgac ttgctggtga 240
 aggtgggaga ggtgtggag g 261

<210> 283
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 283
 gaaaggtggc gcgcttctca cggctgagtt gctgcgcctg cagacggaag ctccccacag 60
 gcagagctgc ttggatgtgt gaggcatgaa gccagagaag ccccgctcca tgagcagtga 120
 ctccccaggc cctgtgacct cctcctgtc ttgcagctcc tcttggcacc agtccccagg 180

gctctcctgt tggtagttcc tgcttttctt cttggaaatt cctcgtggac ctcgagatct 240
 ttaccctaaa atagttctgt tgaatttcac cctggcaatg taaattgata gcttatcttc 300

<210> 284
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 284
 gaagacacca gtggtggaat cgagtgtttg gccacagttc gggacctatg gtagaaaaat 60
 actcagtagc taccagatt gtaatgggtg gcgttactgg ctggtgtgca ggatttctgt 120
 tccagaaagt tggaaaactt gcagcaactg cagtaggtgg tggctttctt cttcttcaga 180
 ttgctagtca tagtggctat gtgcagattg actggaagag agttgaaaaa gatgtaaata 240
 aagcaaaaag acagattaag aaacgagcga acaaagcagc acctgaaatc aacaatttaa 300

<210> 285
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 285
 atgttaaata atgtcttaaa catctgtgaa aaagatggta cttttgacaa catttatctg 60
 catgtccaga tcagcaatga gtcggcaatt gacttctaca ggaagtttgg ctttgagatt 120
 attgagacaa agaagaacta ctataagagg atagagcccg cagatgctca tgtgctgcag 180
 aaaaacctca aagttccttc tggtcagaat gcagatgtgc aaaagacaga caactgaaca 240
 aattacaaat gaactttctt gcaattgctt gtcgccaaat aaaagagagg cccattgatt 300

<210> 286
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 286
 ctaaaatggt aaatcatgtc ttaaacaatc gtgaaaaaga tggtaacttt gacaacattt 60
 atctgcatgt ccagatcagc aatgagtcgg caattgactt ctacaggaag tttggctttg 120
 agattattga gacaaagaag aactactata agaggataga gcccgagat gctcatgtgc 180
 tgcagaaaaa cctcaaagtt cettctgggtc agaatgcaga tgtgcaaaaag acagacaact 240
 gaacaaatta caaatgaact ttcttgcaat tgcttgctgc caaataaaaag agaggcccat 300

<210> 287
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 287
 aagtaatacg tcctttcatc ttttctttca agatatttct gcattaaatc atcctcagta 60
 tatttttttg aaagccaagt tttcccaaag ctctcattt cctcatctcc ctctgtgcc 120
 ctggtttttc agttgctggg ggctacagac cctctctcta gaaagatgga catgtgaaca 180
 taagcactgc attttgcaca caatttcctg ggttcagaaa ccacctgaac ttttctctt 240
 agaggacctt gcttaaacac ttccattcta ggggtgtccag cccattaaga tggccaagaa 300

<210> 288
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 288

actttataaaa	taaattatat	gtctgatact	agccctccat	tgccctggatc	acatctgatt	60
gtccctggtaa	tttgagaaaa	gggtagcccc	ttggtatgga	tagtagcttg	atgacatgga	120
attcagggaa	aagactatga	tggtgtcact	tgtaactgct	tttgtgctgt	aaaattgtca	180
tggattaaga	agagagttgg	ctgggtgcgg	tggctcacac	ctgtaatcct	agcactttgg	240
gaggccaaag	taaggactgc	ttgagcccag	gagttccaga	ccaacctggc	caacacagcc	300

<210> 289

<211> 300

<212> DNA

<213> Homo sapiens

<400> 289

ttactgactg	caacaacttc	agattatacc	tcttctactc	caagtgcctt	caaagaaagt	60
cctctgccaa	gacaaattca	ttacgttttt	tcctctacc	tgtttgctt	tattctcttt	120
tgtatttcat	cttctcatct	agattgaata	atctttgaga	gcacagatgt	ttatttatat	180
ttttcttttc	catttctact	cagcatgagg	tgtccattga	acaaacttga	tgaattttta	240
ttgcttaata	tcttgctaga	ggtggggaga	gaggttgggg	gcggttaagg	aactatcagc	300

<210> 290

<211> 300

<212> DNA

<213> Homo sapiens

<400> 290

ccactgcgtc	cctttgcgtt	cagccctcc	tctggctttc	agttacacca	agctaaaatt	60
tcagggtccc	agctgcagct	ctctgggtcc	cccggtgccc	cagtggggct	ccccgcctct	120
gaatgtgtgg	tccttggggg	tgggcacttg	ggggcatcct	ggtcactgct	ggccctagca	180
ttggacccta	ggagacctga	ctggaactgg	ctccctcccc	atcagctccc	agctgtcact	240
ctctcccacc	cccgggcagc	tgttttgccc	aagaccactg	ctacctgttt	acccaccctg	300

<210> 291

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 291

aataaacgta	tgtgttcata	ttcgatcacc	gaaatgagag	ttcttaattg	ctaattgaca	60
aacgcgttag	caatttcagt	tagggagtca	tctcccttga	ttgtgttctt	ttcctgtcaa	120
ttttcataga	cctaatttgc	aaactcaatc	ggggactaaa	atttcccact	gaaaatgtta	180
aacatttttag	ataactgtga	agatagttta	tttttattcc	ttgccaatct	gggaatatgc	240
ctttttnnnn	nnnnnnnnnn	nnttnttaag	tgctgtatta	ataatacttt	ctgaaagaaa	300

<210> 292

<211> 300

<212> DNA

<213> Homo sapiens

<400> 292

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccggttct	60
ctgccattcc	ttctgcaatt	acatgggttt	cccagctggt	tgcgcgccct	tggagcacc	120

```

acagaggcgg cccctgctgg caggetatgc cctgggtgtg ggactcttcc tgcttctgct 180
ccagcccctc acggacccca agctctacgg cagccttccc ctttgtgtgc ttttggagcg 240
ggcaggggac tcagaggctc cctgtgctc ctgacctatg ctcttgata cgctatgaac 300

```

```

<210> 293
<211> 289
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(289)
<223> n = A,T,C or G

```

```

<400> 293
ctgcgctatc agcgcaaaga acctcccgac agtgccactg accccacctc ccccagccc 60
cacagctggg tctggctggg cactgaccag gaggaactga gccgccagct ggaccggcag 120
tcccctggcc cgcccaaggg ggaggggagc tgcccctgtg agagtggggg aggaggggag 180
ggccctaccc tggcccctgg cctcctggg ggccaccacca gctcctcaag caccctggcc 240
cgaaaggagg ctggggggcg gcggaagcga nnnnnnttg ngacatttg 289

```

```

<210> 294
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 294
cagagctgtg atctgcccc aggtattctg acccccaaac tggetctcaa ccatgtttac 60
atgatgaaaa gaagaggtga ctgttgatc agctctaaag gcctcacttt tggtgaaatg 120
ggacctaaat ttgattgcat acttgattac ttgctgtcaa tactgaaatt ggcacttcat 180
aattttaata ctattgaact ttcaccataa cctgtccta taaagttgac ttgcaaatga 240
agaaactcta tctcttcaat attataaaat atatccaaga gtcacaacta gtgagaaaag 300

```

```

<210> 295
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 295
ctttccatt cacttctcta gaaagctgcc aagacagagg cagaaagaaa tggatgatag 60
ttctgtcaag cacacttctg ttctcttaga acttagaagt gtttctaaga gaacagaagt 120
aataagagaa acagttacgt gtggaattca acatctttgg ttggaacgca ttggcttttt 180
ttttcttggt ttgatagaaa tggaaattaag caaaagtagt ttttgtcttt tctgttgctc 240
tcaaattcca tgccttttat ttttaattta atcccgttca aatacttaat tgttatacat 300

```

```

<210> 296
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 296
gttttggtct cttctttgac tattaaaaag ctcaagtcca aatatttcta acatattggc 60
agtgtttctg tgtaccttac aagtctatat ataaattttt cttctcttga cagggtttta 120
tctatatatta gcaagtcacc cctaattctt ttagaataag gcagaaaata aatcaacgta 180
aagggttgaga ccaagccaga gacagctggc caaagtagct ggttcagga tataacctgc 240
aagttgccaa cccagcgcat tcttctcacc cttcttcac cctacgaaag gccatatctt 300

```

<210> 297
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 297
 cgacagctct ccaataactca ggtaaatgct gaaaaatcat ccaagacagt tattgcaaga 60
 gtttaatttt tgaaaactgg ctactgctct gtgtttacag acgtgtgcag ttgtaggcat 120
 gtactacag gacattttta agggcccagg atcgtttttt cccagggcaa gcagaagaga 180
 aaatgttgta tatgtctttt acccggcaca ttccccttgc ctaaatacaa gggctggagt 240
 ctgcacggga cctattagag tattttccac aatgatgatg atttcagcag ggatgacgtc 300

<210> 298
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 298
 tttctccatg ttggtcaggc tgggtctgaa ctaccgacct caggtgatcc acccacctcg 60
 gcctcccaca gtgctgggat tacaagcatg agccaccggg cccggcctcc ctgttcagat 120
 tttctataat ctgttcatat tatattctgg gtatatgtgg gtggtgtgat tatccatgtg 180
 gtcttatttt cacattcttt gcattaacta taatgtactt aatgttttaa gataagtttc 240
 attctacaaa gatgtatgta caatacctgg tatcaggtaa caatcttaaa aaaaactaat 300

<210> 299
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 299
 cttcagcatt cagccacttc gtttcagtggt catctgtaat atactcttta atatgaagat 60
 gttgaattaa aagtcaaaat actgatgtga gttgacctag tctcaaaggg taaaagatta 120
 tttttccagg gagcaaatga gaagggtggg tgcacgagcc ttttctgtaa cagttggagc 180
 cgtgtccagg tggaggtgcc aatacagaat caggattggt gggcacacgg agaaacaggc 240
 tatggccctt gagggctgaa cccccagggt tgaggggtgca gatgctgccc ctgcttcggt 300

<210> 300
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 300
 gctttttggg acagtagaaa ttttcacatt aatactgtaa attctgtacc atattttgac 60
 acctgctaca tctgattcaa atgcgggaaa aaataccatg tgtgcataat gaaaaatcat 120
 tcatttttcc ctttcttacc ccagcaggaa tagaaagcaa ttccaagcca ctctgcaaat 180
 gtatccaagg ttagagattc gggagctggc caacatctta caccctaat gactgaagca 240
 tttcagtagg ctgactggct cgaaataaca atttaagaaa ggggggaaaa aacctacagg 300

<210> 301
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 301
 gaaatggatg atagttctgt caagcacact tctgttctct tagaacttag aagtgtttct 60
 aagagaacag aagtaataag agaaacagtt acgtgtggaa ttcaacatct ttggttgga 120

cgcattggct	tttttttct	tgttttgata	gaaatggaat	taagcaaaag	tagtttttgt	180
cttttctgtt	gtcttcaa	tttatgcctt	ttatttttaa	tttaatcccg	ttcaattatt	240
taattgttat	acattgacat	taactgctgt	attttgactt	tgttcaataa	ttttgttctc	300

<210> 302

<211> 300

<212> DNA

<213> Homo sapiens

<400> 302

agtaaccaga	gttcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tggaatgaaga	aaggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccagtgaaga	agaatgagta	taaaggatgg	gttttaacta	cagaccaggt	ctctgccaat	180
attgtccttg	tgaacttcct	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaagga	gaagctgatg	300

<210> 303

<211> 300

<212> DNA

<213> Homo sapiens

<400> 303

accagtatca	gatttgtgat	taatcgcatt	actgtcaagt	cctcatgcag	gccagtcaga	60
cttctgtgtg	tgttccctca	ccttccattt	aagtttcagc	ctttatctat	gtccttttgg	120
gtgtctgcca	tgctgatgat	agagctcatc	agtctttgat	aaatactgtt	aggtccttaa	180
gtgattttct	gtgaaatctt	acgcatagga	tttctgtggg	cagggtttga	cgtctgatct	240
tgttcgtcag	atccccttgc	tcaagaatgc	aagtgcatta	cctcttaaat	tttaaaagct	300

<210> 304

<211> 300

<212> DNA

<213> Homo sapiens

<400> 304

attggagttg	aaattaacat	ttcaaaaagtt	tttcgtat	ttttatggca	gatgatttgt	60
cattttattta	tattagggtt	tactgcctat	tgagacaacc	aggtgcataa	ttgattgccc	120
tttgcccata	aaaatgcagt	gtcatggatc	ttagagctaa	aaaggactgt	aaaaattacc	180
cagaacagcg	tcctcagact	taaccttctg	caagttatgt	ctgtatataa	gaagattcta	240
attgctaact	gtttatactt	ttctgaataa	aatagttgtt	tcctaattaa	aaagtagcca	300

<210> 305

<211> 300

<212> DNA

<213> Homo sapiens

<400> 305

gtggaactgg	ctcaggctgg	attactcttg	ctgctgtctt	gctgtactgt	atgccactgg	60
gatctgaaca	ctaaacattg	ctaagaaacc	caccaccac	caggatattt	ggaagtaact	120
tcacatatgg	aaaagttaaa	gactcagtct	ctgagaaaac	aattggactg	atgcgaatgc	180
agttttggaa	aaaaactgtg	gaagatatat	actgtgacaa	tccaccacat	cagcctgtgg	240
ccattgaact	atggaaggct	gttaaaagac	ataatctgac	taaaagatgg	cttatgaaaa	300

<210> 306

<211> 300

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 306
 cacttgggtg agatccaatt tatctcacct tctgatagtt ttaaaagaga agtaatttta 60
 atttacatta actttaaaat atttgtatgc caaacactag ttattttgag gggatcgaaa 120
 caaatcatag cagagataag gaactttcat actttgggag gatttttttt aaataactgt 180
 atgtttactc taagtagata tgtgtatgca tgcattcact tatgatatgc acannnnnnn 240
 nnnnnnacac acacacacac acacacacag aaatttatgn ngcctttaan aatcttgga 300

<210> 307
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 307
 agaggggtgg gtctggccac ataggtacct ctgtggctct ggtctggggg tagacactgt 60
 tagggactag catttatttg acttgtaaag acagcacctc agaattagta actacttgca 120
 ttttagggtc tgttttatga agccaacaag tgaatgtaa ataggctctg catcttttct 180
 gagagccctg tctactgggca gtgagcattt ccaaaattgc agctctgtca gaatgaacca 240
 tgaatactta agaaagggaa agtaggaaca gggagcagag caaagcataa ctgtctgtgt 300

<210> 308
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 308
 cttctgttga ttggtttgtt taaagtacct aagtactacc ctttgactcc ctacaaaaag 60
 ttcttttgtt ttttaaacaa cttttatttg tgacttactt tcttgagaag tgttcttaat 120
 gaattgcata aaatagtggg agcagcttat ttcttaagta ctttattatt tgtgctttac 180
 catttcaggt tcttatcttt aacccttatt tactcagttt tccatctgaa tgatcctatc 240
 tctaaattaa ggatttaata aatgctgcaa attgtccact ttgcaaattg tccaaaagct 300

<210> 309
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 309
 ggctcagagg ggttatgatt cggagggttc tgccgcacgg catgggccgg ggctcttga 60
 cccggaggcc aaggcacgag cagaggaggc ttttctctgg gtaaagttag ggacgacaga 120
 gggattgtg gttctgggtt gtccccaacc tccgactgtg tgtccttcag gacccgaaac 180
 catggccac actggcagga cagtgggtcg gcttggggaa gggggttagc ttacctacca 240
 gagctgtag gggctgtgca ggtgtatggc tccaaggcg gcccttttca ggtggcaggt 300

<210> 310
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 310
 gggaccagaa catgaccggc tgggacctaca aaaagatcga gctggaggat ctgaggtttc 60
 ctctgggtctg tggggagggc aaaaaggctc ggggtgatggc caccattggg gtgacccgag 120

gcttgggaga	ccacagcctt	aagggtctgca	gttccaccct	gcccatacaag	ccctttctct	180
cctgtctccc	tgaggtacga	gtgtatgacc	tgacacaata	tgagcactgc	ccagatgatg	240
tgctagtcc	gggaacagat	ggcctgtggg	atgtcactac	tgactgtgag	gtagctgcca	300

<210> 311

<211> 300

<212> DNA

<213> Homo sapiens

<400> 311

acaagaagcc	atgaggccat	agggagaagc	tccctctccc	cttcatcttc	tgctccaaag	60
gtggtagcaa	gaggagtacc	cagttagggg	ttggagcccc	catataacat	cttcctgtca	120
gaagactgat	ggatcttttt	cattccaacc	atctcccttt	cccccgatga	atgcaataaa	180
actctgtgac	accagcaacc	attgctcttt	agaaatgggt	tttctgatca	tatggctgat	240
gtgttatggg	cagcatggat	gtcttcattt	gttgcttctg	tttttcatct	tttttgtttt	300

<210> 312

<211> 300

<212> DNA

<213> Homo sapiens

<400> 312

aaagaatcca	atttttagagc	tgctaaaaaa	ctctttggaa	gcacctttgc	atttcatggc	60
tcacagattg	aaaactggca	ctccatcctg	aggaatggtc	tggttgttgc	ttctaataca	120
ccgattgcag	ctccatgggtg	caatgtatgg	aagtggaaac	tatcttagtc	caatgtcaag	180
catatcattt	ggttactcag	ggatgaacaa	gaaacagaag	gtgtcagcca	aggaccgaag	240
ccagcttcaa	gcagtaaaag	cagcaataca	tcacagtcac	agaaaaaagg	acagcaatcc	300

<210> 313

<211> 300

<212> DNA

<213> Homo sapiens

<400> 313

gggtgttgga	gcagattgta	gttgatccac	agcaaagagc	atcaccaaag	ccattccagg	60
aggaactaga	tccaccactt	cctctgctgg	gcatgctcca	aaaatgggtg	tggttccag	120
agaggactcc	aaaagaaagc	acaaaaacta	gacagtggga	gggcataccc	aaaagccctg	180
agtttctgaa	aaaatattga	aagtttctat	ggtgaaatag	gaagttaatg	tgcttaggaa	240
gaaaaaagtg	gtaatgattc	aaggaaacat	aatcacacac	ggtttttagt	ttaatggaca	300

<210> 314

<211> 300

<212> DNA

<213> Homo sapiens

<400> 314

ggcggaggag	cagaagctca	agctggagcg	gctcatgaag	aaccgggaca	aagcagttcc	60
aattccagag	aaaatgagtg	aatgggcacc	tcgacctccc	ccagaatttg	tccgagatgt	120
catgggttca	agtgtctggg	ccggcagtg	agagtccac	gtgtacagac	atctgcgcg	180
gagagaatat	cagcgacagg	actacatgga	tgccatggct	gagaagcaaa	aattggatgc	240
agagtttcag	aaaagactgg	aaaagaataa	aattgctgca	gaggagcaga	ccgcaaagcg	300

<210> 315

<211> 300

<212> DNA

<213> Homo sapiens

<400> 315

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcage	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcage	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgate	atgaagttcc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccccaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gccccaatte	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

<210> 316

<211> 300

<212> DNA

<213> Homo sapiens

<400> 316

gacctatctt	gatctggata	gtaaagtgag	gactttaaaa	aaggttatta	aattactggg	60
agaaatcatg	gagcacagat	tcaagacata	tcaacaattt	agaaggtgtt	tgactttacg	120
atgcaaatga	tactttgaca	acttactatc	tcagcgggcc	tattgtggaa	aaatgaattt	180
tgaccacaag	aatgaaactc	taagtatatc	agttcagcct	ggagaaggaa	ataaagctgc	240
tttcaatgac	atgagagcct	tgtctggagg	tgaacgttct	ttctccacag	tgtgttttat	300

<210> 317

<211> 300

<212> DNA

<213> Homo sapiens

<400> 317

gattgtgaca	tggtgtaata	aaggatataca	tggtgtaata	aaggatataca	tggtgtaata	60
aaggatgtgg	gagcacaat	ccataggaat	ttgagagttt	aggaattgta	tttattattc	120
agggccttca	ctctcagact	accctgctct	atttgaataa	tgaggcttgt	ggtggtctgt	180
ggaaaagtgg	acagagtaga	atttgggcag	ctgctgaagg	tttggctctc	ggaatgagtc	240
cacgttacct	taaggacagt	aatcccaaat	tgagacaaaa	actttaagaa	aaccaatgtt	300

<210> 318

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 318

ggggtcttgg	atggcttttc	caccgtccct	gagactgggg	ttgaggggac	tgacgggggc	60
caccaccgcc	ccgccctcca	gcgcctcctc	ccaggggtggc	tgggcctcct	gttctcaggg	120
atcacannnn	nnnnnggggn	ccaacccctt	ccggaaccaa	ggtgcangct	tangnctgcg	180
gctttctggn	tgtgtgctgg	cttctgggct	tcancctcct	gccccagccg	tccttgccan	240
ggcacannng	accatggggg	ctgggagtc	catnanagca	gtgangtggc	cccgccct	298

<210> 319

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (277)

<223> n = A,T,C or G

<400> 319

agaggggtggg	gtctggccac	ataggtacct	ctgtggctct	ggtctggggg	tagacactgt	60
tagggactag	cattttattg	acttgtaaag	acagcacctc	agaattagta	actacttgca	120
ttttagggtc	tgttttatga	anccaacang	tgantgtaaa	atanctctg	catcttttct	180
gagagccctg	tcaactgnan	tnnagcattc	ncnanattcg	natctctgnc	ntnatgtant	240
atgnctacnt	ttnanttntt	ttgtttcccc	nttttct			277

<210> 320

<211> 300

<212> DNA

<213> Homo sapiens

<400> 320

aacgttcccc	cgctacatag	tctttctttt	gtgttattta	gtttaccatt	tcttttttcc	60
atcttgttat	aacctccacg	agttgtgtct	cttttgtttt	ctacattata	cccaacggct	120
agcacataac	aggcacccaa	tatatactga	acgaactaag	gaatgaatga	aggaatgaat	180
gaatagggtg	cttataggaa	acccctgggg	ccagggactc	tgcaacatca	ccatgtaact	240
ttttctttgt	gctgagaagc	agagagaaac	aatagaagat	atctcttaat	ctctcaagga	300

<210> 321

<211> 300

<212> DNA

<213> Homo sapiens

<400> 321

gaggcaccag	caggtagtgg	cccctgtaag	cagggccaga	gtcgggacaa	agagcaggag	60
tgaagcagcc	aagagacaga	ggaccaggct	ggagccagtg	ggcacgcagg	agcctgcctg	120
ggaaaagccg	gggggcaagg	ctggcatggg	aatgaacacc	tgctgggtgac	acctctctga	180
gcttcagttc	ccttaactag	aaaaatagaa	cagggccggg	gcgggtggctc	atacctgtaa	240
tcccagcact	ttgggaggct	gaggcgggtg	gatcatgagg	tcaggagatc	aagaccaccc	300

<210> 322

<211> 300

<212> DNA

<213> Homo sapiens

<400> 322

gaccagaaaa	acaggtacgg	aatgagccct	ggaacatttc	tatttcagca	gaatatattg	60
cccagggtga	agggatctca	gtggaagaag	ttatagaagt	gacgacacag	aatgcattaa	120
aactgtttcc	taagctccga	cacttgctcc	agaaatagct	tcaaaacat	ccattacaaa	180
atcgaatcaa	ctgcaggggc	cagcatttga	aacatagaaa	tgttctgatg	aagaatctga	240
actgaagaag	ctgttttata	gggttataga	agattgtaat	tgtagagaaa	tatttctctt	300

<210> 323

<211> 300

<212> DNA

<213> Homo sapiens

<400> 323

gtgatctgcc	tgcccttggtc	tcccaaagtg	ctgggaatac	aggcatgagc	caccgcactc	60
ggccaggagc	tagttttatc	agcatcctgc	tccactgcct	tcctctagtg	cagcctggaa	120
gacatggcag	cgggtagctc	ctggggctga	gccagaagca	tcaactgcagt	gaaagtctct	180
gcttacctgt	ctggctcagc	ttgggcaagg	gctgggccat	atgtgctcag	ggacgtgctt	240
ctcttgtaag	gcaggaggat	agaagaggac	caagaaggga	gggagctgcc	ctgtggtgca	300

<210> 324
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 324
 gactggagaa gtcagaagta gaaaagcaga ttgctaggag agacaggatg acagattttg 60
 gtcagaaaat gggatattgg agttttaaagt atcaaataca gaatagttcc agatgttcag 120
 aqatccagca tgggattagg tactgaaatg gattagaact aaaagtcact agaatttaga 180
 aattgagaac catgagagtg gatgcaatga cttgttgctt gattgaaaaa taaattaata 240
 ataataaagg accatgagac tagcctgtta taggggttat ctccatgaac attgaatttt 300

<210> 325
 <211> 292
 <212> DNA
 <213> Homo sapiens

<400> 325
 ttcgagtgc agetcccat ctttctaaag tttccatggc aatacagcta actgaagaac 60
 taaaagccag tgatgtactt gccagggttc tcagccaaga aagtgggggtt gccagactc 120
 tcaagaaagg agaagttttt ttgtatgaaa ttggaggaaa tattggggaa ccttgcttg 180
 atgatgacac ttacatgaag gatttatatc agcttaacct aaatgctgag tgggttataa 240
 agtctaagcc attgtacaag acttaacaag ctgcagataa ccatgtggac tt 292

<210> 326
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 326
 gtgtgtgtgt gtgtgtgtgt gtgtgtgtgt atacagacat ttttttttta acttgttgat 60
 tcagatgtct tggctccctga atagtcctag attacttatt ttgagaattc attgttaaaa 120
 attacagga attaaaataa ttgccttttt ttttagaggg taagagatgg gtagaagagt 180
 atgcctctga aaattttatt agttttattct tgtggagaat accaagaaaa tgtgtatttg 240
 cccattgcta aatatgatat atgccatttt gtattttatt gtcccaagtg tctttttgta 300

<210> 327
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 327
 gcagggagtt gcttgggtgg ccgctaacac caggctactc ttatttttagc ttgctaagtt 60
 gagatcagct agacctgctt tcttttctcc tcagtcttgc atttccctca atacaagctg 120
 tagcctcttt cctcgtttct agtctcagaa ggaaggagag ggaagccatt ctctctagg 180
 gactcttcag tctcatttag atgatagtcc ctttttttct acctccatat tagagatgga 240
 gctccttctt tttcctggtt ctttaatttt gtcttctcat tcttgcttcc ctctcaccct 300

<210> 328
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 328
 ctctggagta gctgggatta caggcatgca ccaccatgcc tggctaattt tgtattttcta 60
 gtagagacag ggtttcgcca tggtggccag gctgggtctca aactcttgac ctccaggtgat 120

```

tcacccacct cagcttccca aagtgttggg attataggcg cgagccacca tggtcagcc      180
tcatgttcgt ttttaaaact taggatggtg gctcttttac attgattggt aggaactctt      240
catattacga ggcagtttagc tagttgtctg tgaaataaaa tactaatgat tgaactttct      300

```

```

<210> 329
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 329
ggttttacca gtgcctacac caagagtggc tactgtgtca acaggttttc ttcacttctg      60
ccaggaggca acaggcgaaa ctcaacagca aaagactaca ccattctaga ttgcatttac      120
aatgaggtaa accagaccta ctacgttctg gatgtgatgt gctggcgggg acaccctttt      180
tatgattgcc agactgattt ccgattctac tggatgcatt caaagttacc agaagaagaa      240
ggactgggag agaaaaccaa gcttaatcct tttaaatttg tggggctaaa gaacttcctt      300

```

```

<210> 330
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 330
ggtgttttgt tctgtagcag aagcataggc atactgacaa tacaaaccga aatccttcta      60
acgtagtggg ccttttcagg ccagcatttt ttccttgaaa acctggagca tgtatccatc      120
ttatagcaga gatcactttc acaatgtttg ggctcttgat ttgaattgat gatgtaatga      180
gccctctatc cagattgtaa ctaattactc tgcgaattga ctggattcca cacccttcta      240
atattttact tttcctcttt tatcaactct cattctcgct gccatgatca atggaccaac      300

```

```

<210> 331
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 331
ctgtgcacac aaattagaat ccttgtaaaa tggccatgat tctgtttatg acctggccc      60
tccaaccaga ccagcctctc tgccctctgg cttttttaga tcaactggcat ggtttctgce      120
tactccaggt gccagtatta ttttgtgaat gttttttttc ttcatatcta ctcatcttta      180
tactactttc ctcgtaaaaag gaaactagag aacatgatct taaatgaaaa ccaacgatca      240
cttgccagaa agaacaggta actaggcttt gaaaaaataa gttagaggag atagcataat      300

```

```

<210> 332
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 332
tccttaagaa tctcaaactg attttttaaaa atccggtaaa ttagaagggg cctctgctat      60
tttctgtgtc agtcttcatt ttaaatatgg atacaaaaag gatacgccga gccaatcaaa      120
gacaagcttt aactttactt tgaagtgttt ctgaaatgat aaaatgtagc cctagccccc      180
tgccctcaat tgtaaagtga gcaaccattg ctagtaattc tttaatgtgt ataaattcaa      240
tttcagggtat aacaaatgtg atcatgacat gaaaatattc tagaatagat actgtattaa      300

```

```

<210> 333
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 333

ctggagggag	acccccaaaa	agaattaggg	tgctaacatc	ccacccaaaag	catcatccca	60
ccccaaaatgt	tgcttttcat	tctatgtcaa	taattttaagg	tggaattttct	ctcacccctgt	120
ggagatgaaa	gtggcaaaaag	gttgtcccag	cagtgtttggg	ggatgggggtg	tgacacatcat	180
tcttttgggg	gtagatgacc	tgctggctgg	tgggcttttc	tccaggacta	ctgcaggtag	240
agaccctctg	ggcttgtgtg	gagtggggagc	agccgtgttg	ggactatggg	gaggagctgg	300

<210> 334

<211> 300

<212> DNA

<213> Homo sapiens

<400> 334

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
aaagccgggg	ggcaaggctg	gcatgggaat	gaacacctgc	tggtgacacc	tctctgagct	180
tcagttccct	taactagaaa	aatagaacag	gcccgttgcg	gtggctcata	cctgtaatcc	240
cagcactttg	ggaggctgag	gcgggtggat	catgaggtca	ggagatcaag	accaccctgg	300

<210> 335

<211> 300

<212> DNA

<213> Homo sapiens

<400> 335

ggaagagggga	cgccgagaag	aaggacctgc	ctgtcaccaa	aaacacgctc	aagtgcactt	60
tccggtccct	ccaggtcagc	aggctgccc	gcagcggcga	ggctgcagcc	acgcccacca	120
tgcccatgac	cgtggtcacc	aaggagaaga	acaagaaggt	gatgtttctg	cccaagaaag	180
cgaaggacaa	ggacgtggag	tctaagagcc	agtgcattga	gggcatcagc	cggctcatct	240
gcactgccag	gcagcagcag	aacatgctgc	gggtcctcat	cgacggcgtg	gagtgcagcg	300

<210> 336

<211> 300

<212> DNA

<213> Homo sapiens

<400> 336

cagagctgta	tcttcagtgg	tgtgatgaag	ctacagtagg	ggagatcact	catgctaggt	60
atggatctcc	ttacccttgg	cctctgaatc	atattttggc	ctatcaaaaa	cagtgggaag	120
tcaaacgtaa	gatgaaagct	attggatggg	gaaagaagac	tctggaccag	gtcttagagg	180
atgtagacca	gtgctgtcaa	gctctctctc	aaagactggg	aacacaaccg	tatttcttca	240
ataagcagcc	tactgaactt	gacgcactgg	tatttggcca	tctatacacc	attcttacca	300

<210> 337

<211> 300

<212> DNA

<213> Homo sapiens

<400> 337

ataggcatat	tgacaatata	aaccgaaatc	cttctaacgt	agtggacctt	ttcaggccag	60
cattttttcc	ttgaaaacct	ggagcatgta	tccatcttat	agcagagatc	actttcacia	120
tgtttgggct	cttgatttga	attgatgatg	taatgagccc	tctatccaga	ttgtaactaa	180
ttactctgcg	aattgaatgg	attatacacc	cttttaatat	tttacttttc	ctcttttatc	240
aactctcatt	ctcgctgcca	tgatcaatgg	accaactatg	cttataacca	caaatgggtga	300

<210> 338

<211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 338
 gcttgcaactt acacacggaa tcgctgtgca tccgacagag gctgattggc acatgggggca 60
 cggggattgt cagctcaaac accgtcagca gcgttgccct tggaaatggg atttcccaga 120
 acagtaaacy tgtctgtcct tgatttacag agtagctaca ttctaggaa atccagggtg 180
 cattaaaaact caccatgtta cccaggctgg tctcaaactc caggcctcaa gcaatcctcc 240
 tcctgtctcc acacagacgg cttctgcacg tttgngaate tacaggncac tccttgca 298

<210> 339
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 339
 gcagagagaa gggccgttct cggctggtat caggcccaag agagtcaaca aagggggggac 60
 gaaagggaga caggggaagag aacagtgggtg gggctgtaag ttgacctcca ggtggcagaa 120
 aataaagtgt gaagaattga ctgggacaga cagccagggc cctgcaggaa gggcgggaga 180
 ggaagcctgc ggacacctgc cctttgtgat tgaaccgcag acaccaggcc tggcgggggtc 240
 gcttgccctcc gctgcccaag ctaaggctcc gctaagctgg tcctgagaac atacttcatg 300

<210> 340
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 340
 ccagccctc ctctccccgc cttctgggag gaggaggtca cacgctgatg ggcaactggag 60
 aggccagaag agactcatag gagggggctg ccttccgcct ggggtccct gtgacctctc 120
 agtccctctg cccggccagc caccgtcccc agcacccaag catgcaattg cctgtccccc 180
 ccggccagcc tccccactt gatgtttgtg ttttgtttgg ggggatattt ttcataatta 240
 tttaaaagac aggccgggag cgggtggctc cgtctgtaat ccagcactt tgggaggctg 300

<210> 341
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 341
 aagctgctag gttccagttt taatttttag ggtaggttg actctgttat gaaaagatag 60
 gttatgggtg ggcgacaggt tgatacagtc ttagaaaaag caggtaatat caaaggattg 120
 gaaagctagc atgcatgcc tcttacctgg gtatcttccc ctttttttcc ttttaaactc 180
 ttgagcctcc tataacagaa ggattatgtg cttcaaacct tcttnttttna ctgngccatn 240
 aagtgggctn gngcccaaaa tatttacttg canaanatcn gtnactggct taaatacttc 300

<210> 342
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 342
 agaagattgg ggatgaggag tgaggagaag gctggagacc agttagaggc taccgtagca 60
 gcgtagagag gctgaaaatc taactagggg ggaagcagcc aggcaggctg gtcctaattgt 120
 tgggagttgt tcagatctgg tggagaggtc attacttata gagttattaa ttataacccc 180
 accttaattg caaagagatt caaagcagta agccatcact ttagaattta atgttctgtt 240
 ttctttttta ttactcat- cagcagctat ttcaatgctt gctgtgtgcc aggtgctatt 300

<210> 343
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 343
 gctgcacagt gggaagggca ctgggctgga agccctaccc atgtcagggg atgtctgggc 60
 ctcagatttt tattttctag aatgaagata cttacccccc aattgctgag atatttgaat 120
 aaaagtatat gtgaaggatt ttgtaattat agaatgtcct acaaatatga gtagttcgtt 180
 tgctactttt ttggcgaaga aaaatattgg gatgcatgaa taatatctac ctaagggtacc 240
 taaggttgta ttcattccat ttattgaatg ccaaggatat accagctact gctccagatg 300

<210> 344
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 344
 ctgggaagga ataattcaat ttgattggca gatatatata atacagtagg agaataatgg 60
 gaaaaagata aattgagact agaataggta gactttaaat gcctgtctgg tttaggtatt 120
 tgaactttca aggtgtggta aatgtttgag taaaggaata atgtgtccaa agattattat 180
 ggaattgtct ctctgcatac ctctatcgct gtttgtcaca gctgtgttct tatgtgactg 240
 attcttctctg aagattagaa actcctcaaa gactggttat tagagcttat tcttcattat 300

<210> 345
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 345
 aaaaagtaaa gcttttcatg agcacaaatc ccttgcatg tttgatgta ctgatattcg 60
 taaaatgaat attttttggt ttgttttggt ttattttttt gagacaagtc ttgctttggt 120
 gcccaggctg gagtgcattg gcatgatctt ggctcactgc aaccctgcc ttgcgagttc 180
 aagtgattct tctgcctcag cctcctgagt agctgggatt acaggcgctc accaccacac 240
 ccagctaatt tctgtatttt tagtagacac agggttttac catgttggtc aggtggtct 300

<210> 346
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 346
 agaaatgtag cacaaaatgg agaagtcgtt caaccttgac cctgtcagag ttcttatttg 60
 aaagccacat tgctgctagt gttcttattg tgttttggat tctgtttctt gcccttttcc 120

ttattagcca agtagtaact taaggaagca gataagaaca atgaattttg gactaaagga	180
agtaagaaca atgaaccaga aatcagatag gaatgtggtg ataattgtga catggtcaca	240
tagtcatagt gggagctcat gtgagtaaaa atagcttgat acatttgta agaggcttgt	300

<210> 347
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 347	
caaagccgtc ctttcaaate cgtctttgtg cccactgcc a tagtcaaccc cgtgagaagc	60
acagccggcc ctgggacttt aggacaaggg tctcttcgga aagggcggag cagcatgaga	120
aagaatggat cctgcagag acccctccag tccgggatcc cactctcgt ggtaggctcc	180
ctcagacgca gccccaccat ggctcctcgg cctcagcagt tccaattcta ccagccacag	240
gggatccct cctccccctc agccgtggtg gtggagatgg ggtccaagcc tgccctcacg	300

<210> 348
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 348	
actcctactc agcccatgga cccgatgagc tggacctgca aaagggagaa ggcgtcaggg	60
tcttggggaa gtgccaggac ggctggctca ggggcgtctc cttggtcacc gggcgagtcg	120
gcattctccc aaacaattac gtcattccca ttttcagaaa gacctctagt tttccagact	180
cccggagccc tgggtctctac accacatgga cgttatccac ctctctctgt tctcccaag	240
gcagcatttc agaaggtgat ccacggcaaa gccgtccctt caaatccgtc tttgtgcccc	300

<210> 349
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 349	
agaatgctgc cacagatgtg agacgggtgt ggctttcttc agtgggtggat cactttcatt	60
catcttttagg cgacaaaggt tgggggtgtg gttacagaaa tttccaaatg ctactttcat	120
cattattaca aaatgatgct tacgacgatt gcttaaaagg tatgttgatt ccttgcattc	180
caaaaattca atctatgatt gaagatgcat ggaaggaagg ttttgatcct cagggggcct	240
ctcaacttaa taacagggtta cagggaacaa aggcctggat tggagcatgt gaagtatata	300

<210> 350
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 350	
aaaatccggt aaattagaag gggccctcgc tattttctgt gtcagtcttc attttaaata	60
tggatacaaa aaggatacgc cgagccaatc aaagacaagc ttttaacttta ctttgaagtg	120
tttctgaaat gataaaatgt agccctagcc ccctgccctc aattgtaaag tgagcaacca	180
ttgctagtaa ttctttaatg tgtataaatt caatttcagg tataacaaat gtgatcatga	240
catgaaaata ttctagaata gatactgtat taaatattgc catgtttaca atatgtaata	300

<210> 351
 <211> 251
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(251)
 <223> n = A,T,C or G

<400> 351
 cacactccag gctgagaaaag agtaattagg aggcctgagg aggggcccag gaaaggctgt 60
 tgggggtgtgc tgggggttggg acccgagcgc cttccctctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgagg ggttcttatt tgaaaacatc tatgatgggg gaggtgnnnn 240
 nnnnnnnnnn n 251

<210> 352
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 352
 atccagatgg gatacctcta aacacgaaaa gaaagaagat tccattagtg aattttttaag 60
 tttggctaga tcaaaagccg agccacctaa acaacagtcc agccccttag taaacaaaga 120
 ggaagagcat gcaccagaat catccgcaaa tcagacagtc aacaaagatg tggacgcaca 180
 ggctgaagga gaaggagcc gcccatccat ggacttattc agggccatct ttgccagttc 240
 ctcagatgaa aagtcctcat cctccgagga tgagcaaggt gacagtgaag atgacaggc 300

<210> 353
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 353
 tgtctacact ggccgagtct ctgggtctgt ctacactggc cgagtctccg actgtctgtg 60
 ctttcaactta cactcctctt gccaccccc atccctgctt acttagacct cagccggcgc 120
 cggaccgggt aggggcagtc tgggcagcag gaaggaaggg cgcagcgctc cctccttcag 180
 aggaggctct ggggtggggc tgctcccat cccccaagc ccaccagca ctctcattgc 240
 tgctgggtgag ttcagctttt accagcctca gtgtggaggc tccatccag cacacaggcc 300

<210> 354
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 354
 cccccctctt ctaggatgag ccaactgtaga tcattaaagt tcctccttga gaggctgagc 60
 cgtagccagg attggggaga gcccttgtct ctggtcagcc ctggagcatg ggatcgtggg 120
 aaagaggagg gggaccaggc ccagggcagg ggtcagaggc ccaggccctg acttcggctt 180
 ccagagatc tctccgcctt agttaagagc atgtgtcggg aaattcctca gagtgtcag 240
 agtccctgta tttttatacc tttttacaat gttaactgtt cagaactgtt ttttgtaaca 300

<210> 355
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 355
 cttggaaatg cttctagctc cggacattcg acatgaaaga aatgtgattt tgcagtgtgt 60
 tcggtacatc atcaaaaaag acttttttgg actggatact aattctgcga aaagtaaaga 120

tgtataggca	tctggtgttt	cagcatacat	aactgaagca	tgtgaaacag	tatcatcctc	180
gttagtagag	gaaaaccaa	accctttttt	ccgtcaaaat	tggatttgta	attaaattgt	240
aagcctcgta	ggatgtatgt	tggaatttta	agtcttttct	ttggttctat	gcaaataaaa	300

<210> 356

<211> 300

<212> DNA

<213> Homo sapiens

<400> 356

ccgaagcaga	ggacccggac	gatgaggctg	ggccccactc	agcctcgccc	agccctgctc	60
aagctgggag	tccccctcat	ggagacacat	cacctgcagc	cacccccaca	cagcgcagcc	120
cacggacctc	ctttggctct	ctgacagaca	gcagtgaaga	ggcactggaa	ggaatggtac	180
gggggctgag	gcagggtggc	gtgtccctcc	taggccagcc	acagcccctg	accaggaac	240
agtggcggag	ctctttcatg	cggcgcgaacc	gagaccctca	gctcaatgag	cgagtgcacc	300

<210> 357

<211> 300

<212> DNA

<213> Homo sapiens

<400> 357

gacagaccgt	tgagaggacg	tggaggcccc	agagggggta	tgcgcggcag	aggcagaggt	60
ggccctggga	acagagtttt	tgacgctttt	gaccagagag	gaaagcgaga	atttgaaaga	120
tatggtggga	atgacaaaat	agcagtcaga	actgaagaca	acatgggtgg	atgtggagtt	180
cgaacctggg	gatcgggtaa	agataccagt	gatgtggagc	caactgcacc	gatggaggaa	240
cccacagtgg	tggaggagtc	ccagggcacc	ccggaagagg	agtctccagc	caaagttcct	300

<210> 358

<211> 300

<212> DNA

<213> Homo sapiens

<400> 358

atcaccttgg	cacgttcccc	tcagctgggc	tctgcagggc	agctaagatt	gggcactgat	60
gttccttggc	tcagtcctac	ccgggttatg	cagctacggc	ttcatacata	caccagttgc	120
actaacttgg	gatgaaaatt	aagttaaaac	cagtagaaaa	tttcatccta	tgttttggtg	180
gtaaaagaag	caaataaaca	aatgaataga	ggctgcacaa	cagttgtctc	accaactgtt	240
ccgactagct	aacaagatta	gctaggtcat	acctagtcgt	aaaagaatac	tataagaact	300

<210> 359

<211> 300

<212> DNA

<213> Homo sapiens

<400> 359

ctcgattcag	cattatacta	ggctgcctcc	atgtgttttt	caaagcccca	ttcaagtttt	60
acttctatgg	taaactaatt	ttacatacac	aaatcttttc	atcttctgaa	cttcctttat	120
ggctttactg	tcaccccaact	agtatttgat	gtcttagcta	ttactaatt	cctgatcatt	180
tcacttgtca	catcaggaac	cctatcctct	tagttctccc	attgagattt	cactgctgga	240
ctaagattat	tcttgattcg	tagtcattgg	tttctgtttc	cattcatttt	cagcactgat	300

<210> 360

<211> 293

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 360
 ggagttttttt ttttcattat aatttttttca ggaaagactt atggaaaaaa atatctctct 60
 cccacctctt tttatcccca tgagacacag tttccctactg taatcagggg aatatgcatt 120
 tgtaagttct gatatgtgat tcatTTatgt gatggcaaaag ataagtctgt cttgaatgca 180
 ggtactannn nnnngttnnac annTTatnch aatntcaanc aacnntaatt nctactacnn 240
 ngtnTTctga nnaagangnn ntnntcattt agatntngnn accntnctga tta 293

<210> 361
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 361
 gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
 acagatggac tgataacata ttcgcaataa aatcttgggc caaaagaaaa tttgggtttg 120
 aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180
 atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatTTta aactattatc 240
 taactaagtg tactgaattg tcgTTtgcc tgaactgtgt ttatctTTtt attaatgtta 300

<210> 362
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 362
 ccaggtagct ctcaaacttc ctctcaatc cactcctcct tttacattca tggaaagggga 60
 ggggggaaaga agcccgagtct ccaagggtcag ccagttacac cagaagcagt gcccaaccaga 120
 atatgagccc cgccctggga cagggcacag agccctcact agcatgctgg agaggggcca 180
 ccccggtcc tgggtgtccc tatacccagc tgcttctctt caagctgggtg aagccctgc 240
 cactgccacc acctcctccc ctaccttggg actttgtgtt taatcctgga agtcacaatt 300

<210> 363
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 363
 attacctcca aatctcaagg cggccttgaa cattgagaaa gaactaccaa agccaagaca 60
 cgtttttcaga aggaagacag cctcctccag gagcatctta cccgacctct tgtaaccgta 120
 ccaaatggcg atccgagcaa aaagactgga agagagccga gcggcgggcgc tccgagagct 180
 ccaggagaa caggctctga tggagcagca gagacgagag aaaagggcac tgcaggagtg 240
 gagagagcga gcccgagagga tggagaagag gannnnngag ctacagcaaac tcctgcctcg 300

<210> 364
 <211> 262
 <212> DNA

<213> Homo sapiens

<400> 364

```

cttcaggaac tagatgtata tgcacaaggg attgagttta cactaaaact aggaaatgga      60
gttttcaatc tatgttcttg cctcttcata cttttattta tttttgtca tcctgcctta      120
tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc      180
atttaaagcc atggaggaac tagaccatta gctgttgccg tcacatgctt agacaccagt      240
ttacttagcg tgttatgacc tt                                           262

```

<210> 365

<211> 300

<212> DNA

<213> Homo sapiens

<400> 365

```

agttggagaa cattatgctg gagagagaat ataaagaaag ggagatgttg gaaacttctc      60
aagctgctgc tctgtttctg cccaaccgca tgggtgcctgg acctgactac aattcctaca      120
aaagtgccta cagccccagc ccagtgggaa caccaagcaa ggacttctgt aattttttgc      180
ccacctgcct tgatttaacc atgcagtatt cagggctctg gaatatggaa ctaatttctt      240
ctaattgtcag cgtggccaca acttatatac agtatccctt gtctcaaga tttttagttt      300

```

<210> 366

<211> 300

<212> DNA

<213> Homo sapiens

<400> 366

```

gatgctgttg tgacatctcg gagtgaggat gatgagacaa aagaaaaaca agttcgagac      60
aagaggagaa aaacccttgt tataattgag aaaacctaca gcttactcct tgatgtggag      120
gactatgaaa gacgttatct cctaagctcg gaagaagagc gacctgccct aatggatgac      180
agaaagcaca aaattttgtg catgtatgac aacttaaggg ggaaattgcc tggacaagag      240
aggcctagtg atgaccactt tgtacagatc atgtgtatcc gaaaagggaa gagaatggtt      300

```

<210> 367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 367

```

cagtcctccc cacactcaga gatctgtggg gaagctccgc ccagccacac tccttgggat      60
aatactagcc ggttctgcct gattcctttt ccccgagacc agcctagggg gcccgggact      120
cctctagtga gccttgactg ttaggtaaga gacaggaagc agacaagcca agaggttgct      180
gcagctgccc ccaggaggaa acgggcagca gggagtgtgg ccagccccc actgtacccc      240
tccagggggc cgagcccttg ccagcccaat gacaccttga agtcaccact tttcctttct      300

```

<210> 368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 368

```

attttgctgg acactcagac acaatttaga gtatttatat ataacttgaa aacagtaaca      60
tttccaaaaa ccgatgaacc ccaccctgtc ccaaggaatg attggtatgt atgtgaagtt      120
cattttctga caaaaaataat tacgttccac ttaggatgca caaccatgct gtctgtaga      180
gaagtcacaa gttttgtgag aattttttaa ctgatgatgt ttatttccat ggtaacatga      240
gtatacattt taccttctat tgtagtgtat aatcacaaat agtctttttt tataggttgg      300

```

<210> 369
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 369
 atggggaccaa attttaagcaa tttttgtttt tggctgaaga gacaccaaaa tattagagga 60
 caaatatttt tagatccatt taaggagttt tgaagtgcct aagatgacct atttgtcagt 120
 ggtgcaaaat taattctctt cttttttgag ttgtagtga tatgcaattt ctgtgttccc 180
 cttccacctt ttaaacttta ggatgacaag ttataaagaa agaagatctt tgtctgggac 240
 ccccaaaggg atccttttctc taangnctct gacagagggg ccaggaccag acct 294

<210> 370
 <211> 241
 <212> DNA
 <213> Homo sapiens

<400> 370
 cacactccag gctgagaaa agtaattagg aggcctgagg agggggcccga ggaaaggctg 60
 ttgggggtggg ctggggttgg taccgagcgc ccttcccctc acctcaacca gagaagagca 120
 tccggttctt ttttaaagct tttagcctgc cctagcaagg acaaagcatg ttagattaga 180
 gatgcttctg ctgatcgagc gggtttcttat ttgaaaacat ctatgatggg ggaggtgtgt 240
 g 241

<210> 371
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 371
 ccaagtcgca gggagcttgt ggccctttgg tgtttattgc agcagcttta gttctgcagt 60
 ggaggtgggc tggagcaggg gacgaggtct tgggagtctg tgaggccact ctggccgagg 120
 gtgtgggttt gcttcctcag ctgaagggat acatggaaac ccacctttgc atagtctagt 180
 aggggttacg gtgtgggttca tgggaagccat ttctgtgggt tgnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nntnntnntn nncagaatn atgagntcaa nanannagcn tgatatg 297

<210> 372
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 372
 gtttttttgt gaacactgat tttattgggt tcttagatcc ctagtctacc caaataattt 60
 taacagtact gttttttcta atcctgaagt ctgatattta tgactcatta gcaggaatca 120
 aaactagtga tcagtagaac actttcaaaa taaaaatttg gaatgcagac ttttatgaaa 180
 atttaaaagt gtcctttaac agaatatcat gggttttcct ataaaacttc ttttaagtatt 240

gtaattccag tctgccccaa cttaaaaaaa aattcttatt aatatgtcag tcattaattg 300

<210> 373
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 373
 gtcaagtcca agtcacacag gtttgctgac tgcgccatat tgttgctgac acaactggag 60
 actggactta ggaatgtttt tgccacactt aacagatgtc caaaaagact cctgactgct 120
 gagtcaacag ctcttttatac cacctttgat caaatattgg caaaacactt gaatgatggg 180
 aaaatcaatc agcttctctt ttctcttgga gagcctgcta tggaatttct ctgggatttc 240
 ctgaaccatc aggagggtcc ccgcataaga gatcatttaa gccacgggga gatcaactta 300

<210> 374
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 374
 gaggcctggg tgcggaaact gaagtggcca gaactgccta aattcagtca gctgaagtgg 60
 aaggccctgt acagtgacct taaatctttg gaaacatctg cttttgtcaa gtccacaag 120
 aaccttgctt tctactggat tctgaaagct ggcatatagg ttcttctga ccaaggggac 180
 atggctctga agatgatgag actggtttgg ccttggggca cagagctgag ctgaggccgc 240
 tgaagctgta ggaagcgcca ttcttccttg tatctaactg gggctgtgat caagaagggt 300

<210> 375
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 375
 ggaggcaggg atcaacgtga cggtgtataa tggacagctg gatctcatcg tagataccat 60
 gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120
 gaagtggaag gccctgtaca gtgacctaa atctttggaa acatctgctt ttgtcaagtc 180
 ctacaagaac cttgctttct actggattct gaaagctggg catatgggtc cttctgacca 240
 aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatacg atggatgggg 300

<210> 376
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 376
 ggaggcaggg atcaacgtga cggtgtataa tggacagctg gatctcatcg tagataccat 60
 gggtcaggag gcctgggtgc ggaaactgaa gtggccagaa ctgcctaaat tcagtcagct 120
 gaagtggaag gccctgtaca gtgacctaa atctttggaa acatctgctt ttgtcaagtc 180
 ctacaagaac cttgctttct actggattct gaaagctggg catatgggtc cttctgacca 240
 aggggacatg gctctgaaga tgatgagact ggtgactcag caagaatagg atggatgggg 300

<210> 377
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 377

```

gatagcttaa agcaagttta caagtaatta aaatggacag tttgccatta aagattttta      60
atagtggttt tgcagtgtac tggcttgaat tttctggact tgagttaact gaaggagagc      120
ctcaaactat agtaacttca tttttaaaag ttactagaat ttggtatcct gatttatatt      180
gcagtgtttc aaaggtgtca ctgtcagaca aatagaaaca ctgccaaact ggtgtaactt      240
aagctttcat ttaactaaaa cattcttttc ttgcaaaact tatttttcat gatcattttt      300

```

<210> 378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 378

```

ataacacaca tcacagtatg ctctcagaaa tttcttttatt tgaaccttat accaatatct      60
gttgatcaat gaccattttt gctcagcatg gagaaacagt gccctgcatg aagggttagtg      120
agaataaaaa ggatcttacc acctttatca tgagggtggc tttgctctct ccattccaag      180
ttgtttctctg ttctagaaag cagatgtagt agacatctac tgtttttgcc taaacagaat      240
ccctttttcc tttttttggt aaaagtactc atccctaata ttacattggt ctggaaggac      300

```

<210> 379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 379

```

ttagtgtact ggatgtcagg tccctcaaag attccttggg ccattttcat gtgaatgaag      60
aataaatcaa ttgtctttca ttgaatcaca cggacaacct gctggcttct gctgacgact      120
ctggggcaat caaaatccta gacttggaaa acaagaaagt tatcagatcc ttgaagagac      180
attccaatat ctgctcctca gtggcttttc ggctcagag gcctcagagc ctggtgtcat      240
gtggactgga tatgcacgtg atgctgtgga gtcttcaaaa agcccgaacca ctctggatta      300

```

<210> 380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 380

```

ttagtgtact ggatgtcagg tccctcaaag attccttggg ccattttcat gtgaatgaag      60
aagaaatcaa ttgtctttca ttgaatcaaa cggaaaacct gctggcttct gctgacgact      120
ctggggcaat caaaatccta gacttggaaa acaagaaagt tatcagatcc ttgaagagac      180
attccaatat ctgctcctca gtggcttttc ggctcagag gcctcagagc ctggtgtcat      240
gtggactgga tatgcaggtg atgctgtgga gtcttcaaaa agcccgaacca ctctggatta      300

```

<210> 381

<211> 296

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (296)

<223> n = A,T,C or G

<400> 381

```

gaactgctgg ccgagccgc tgggagtcta gaaagagaaa atctgtttct agacctcagt      60
tattttccca tttttggttg ttttgaagca gtaacatttt tctcagtgc catgcaattt      120
gggtttttaga gaagatggcc accagctggc ttcttagata ttttaaactt ttgttcttta      180

```

atattgctgtc catggctgag tttattagta catgggctta ggcaccacac aaatattcta 240
ttacgaaact gttncagaaa taaattngca ctgtncattc ntctggcctc gctggg 296

<210> 382
<211> 300
<212> DNA
<213> Homo sapiens

<400> 382
gccaaacttca attccctttt agtcatctac ttctactaa cagctgtaac taggatgagt 60
caaaatcaat tgcctatgct caccagatcc ctgataaatt cccatgaagc cacctgaaag 120
gtggtaaaag caaggtaaaa cgtgggtgaaa gcaaggtaaa gaaggtagat ttcacaattt 180
tgttttttta aaaggggaat cttccctgaa ttcttttgagg tactaagtac gtgggtttaat 240
gcataattttc attcttggtta gcagttttaa aataatgttt cagagactgt attcacgatt 300

<210> 383
<211> 300
<212> DNA
<213> Homo sapiens

<400> 383
gataggccac attccagtaa gaactcaatt tgactcccaa atttgcagaa acaaaacgtg 60
atttaaaagc tgagcttttt atcagaaagc ttttttgatg ttttaagtgt tatgtgactt 120
gttgaacttt ttaaaaagtg ctacttttaa aatcccagat actctgaatt ttagaaaaca 180
aactaattct gattgtgtcg tgcccaagta cctttttttt ttaatgaata gggaccaatg 240
ccacattgct ttttatattc ctttctttat taatgatgcc aaaaccaaaa gtagctgtgt 300

<210> 384
<211> 300
<212> DNA
<213> Homo sapiens

<400> 384
cttttagttca gataaaggaa acatccaaaa atactgagat gagtaaaatt ttattcaaag 60
taggttctctg ctttgtcttg atctcaatcc attctaactc ctgatgtcat ttaccgtgtg 120
agatcttagt acaatcatga aaagaatatg agcatttatc aaaactctct gacatctgta 180
tgtttagaaa tgaacttaca cagcaaaata tgatttctct gcaattatct aatttttcta 240
acttcaattt ctacctatgt gtctctgcca gtttgacctg attcagacac ccagaacttg 300

<210> 385
<211> 300
<212> DNA
<213> Homo sapiens

<400> 385
cctttccaag cccactgctc agccttagag gaaagtgtgg atttgaaatt tcctcatgga 60
attgatggag gtttttaggt agattcatag aatataacgt atctaccaa gattccgttt 120
tcaagggatc tagaagatgt tagtgacac gcaaaaacca gacaaacgtc tctacacgga 180
taaaggcaca tatacaatta tgcacacagg gaagggcata cactctattg tgggcacaga 240
atgacatgca attatggaca cacaaaaaca catgcacca attatggaca ccaaaatata 300

<210> 386
<211> 300
<212> DNA
<213> Homo sapiens

<400> 386

tgetcttggg	tgcttctga	ggtgtggtg	cacaggggtg	ttattctga	atgcaagggc	60
ttactatgat	ttctcttag	tgctctcat	ttctgatgct	ttctgtccta	tgaggtcagt	120
ctacttacta	gttagtattc	tatattaata	agtatgccaa	atgacttaac	tcctccagaa	180
atgttattcg	ttaaaagatg	agatgtgctg	agacaagagg	atcgcttgag	tcgggaaggt	240
tgaggctgtt	gtgtgctata	attgggcctg	tgaatagcca	ctctgttcca	gcctgggcaa	300

<210> 387

<211> 300

<212> DNA

<213> Homo sapiens

<400> 387

gccagtcctt	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgcgtgcggc	gtgacgaggc	ccaggcccgg	gaggaggaga	120
aggagcgtga	gcggaggggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tcactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcggggagc	tgctggagga	agggaaaagga	gtgatcagag	300

<210> 388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 388

gagacagcag	ccccagggga	atgaagctga	tgccagagtc	agacccgagg	aggaagagga	60
gccactgatg	gagatgcggc	tcggggatgc	gcctcagcac	ttctatgcag	cactgctgca	120
gctgggcctc	aagtacctct	ttatccttgg	tattcagatt	ctggcctgtg	ccttggcagc	180
ctccatcctt	cgcaggcatc	tcattggtctg	gaaagtgttt	gcccctaagt	tcataatttga	240
ggctgtgggc	ttcattgtga	gcagcgtggg	acttctcctg	ggcatagctt	tgggtgatgag	300

<210> 389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 389

ctaggatgtc	tggcacctta	ccgaaggcta	ggaataggaa	ctaaaatgtt	aaatcatgtc	60
ttaaaccatct	gtgaaaaaga	tggtactttt	gacaacattt	atctgcatgt	ccagatcagc	120
aatgagtcgg	caattgactt	ctacaggaag	tttggttttg	agattattga	gacaaagaag	180
aactactata	agaggataga	gcccgcagat	gctcatgtgc	tgcagaaaaa	cctcaaagtt	240
ccttctgggt	agaatgcaga	tgtgcaaaaag	acagacaact	gaacaaatta	caaatgaact	300

<210> 390

<211> 300

<212> DNA

<213> Homo sapiens

<400> 390

cctctctgtc	ataatgtacc	caaaatagag	taagaatatc	atgcttttca	gtaatactcc	60
agtgaatgag	gctaagagta	ccatttttgt	tcttataaaa	gaattttttt	ggacatgaat	120
acaaagatgt	caggttacca	aatcatttgc	tagtagatcc	taacaatatc	acctatagga	180
aactgaacgt	agccttttaa	cattaagtga	tgataatgga	tttggcgggg	cgcgggttgc	240
tataatccca	acactgagag	gctgaggtgg	gtggatcact	tgaggccagg	acaggaccag	300

<210> 391

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 391
 attccaaagg tttcaaagaa cttgggtcata aatatgataa tgagaagaca aagtatttat 60
 attaaaacag tttagtagcc ttcagttttg tgaaaatagt tttcagcaca gaaactgact 120
 tcttttagaca aagttttaac caatgatggg gtttgcttct aggatataca ctttaaaaga 180
 actcaactgtc ccagtgggtg tcatgatggg ccttttagtaa attggagctg cttaatcata 240
 ttgatatcta atttctttta accacaatga attgtcctta attaccaaca gtgaagcact 300

<210> 392
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 392
 gttggcgga gatgtctttt tatttttgtg ctgtaaaatt ctcttacagc aaaaataggc 60
 tttagaaagg tcttctactg tcttcagcaa ccatctcatc ttccagcttc acctgattgt 120
 ccagttatca tacatttgac tttcaaatgt atgaaccagc atgtaccca tggatttaac 180
 cttatctacc ccgtggattc aatcttctta tcagaagggt cttttatgtc aaaaaacctg 240
 ctgtcaaggc ttgaagagcc tacacactca atggcaaaca cagcaccgag tctgctctga 300

<210> 393
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 393
 gcctgctgct tcatgcggcc ggcgtcctgc tccacgtctc tgtgctgctg ggccctgcac 60
 tgteggccct gctgcgagcc cacacgcccc tccacatggc tgccctcctc ctgcttccct 120
 ggetcatgtt gctcacaggc agagtgtctc tggcacagtt tgccctggcc ttcgtgacgg 180
 acacgtgcgt ggcgggtgcg ctgctgtgcg gggctgggct gctcttccat gggatgctgc 240
 tgctgcgggg ccagaccaca tgggagtggg ctcggggcca gcactcctat gacctgggtc 300

<210> 394
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 394
 ctgcgacccc tcggaccagt gcccgcccc a gcccgtctgg agcagcctgt ggcacgtggg 60
 gctcactctg ctggcggtcc tctgtcttct gctgtgtggg gtcacagctg gttgtgtccg 120
 gttctgctgc ctccggaagc aggcacaggc ccagccacat ctgccaccag cacggcagcc 180
 ctgcgacgtg gcagtcaccc ctatggacag tgacagccct gtacacagca ctgtgacctc 240
 ctacagctcc gtgcagtacc cactgggcat gcggttgccc ctgccctttg gggagctgga 300

<210> 395
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 395
 gtggttgtag atcccacttg cccccacag gagactgact ctaaaacctt tcatccaatg 60
 gtgctaacce ccggtctctc cctgccccac ctcacccacc cagagaagca cagaccccgc 120
 caggggcagg ggcccaccgc acacccttgt cccgggctg tctgggactg gccttcccgg 180

ctcagccagt gaggtcaga agggacacaa agagggatgg aagaaaagaa caaagagaaa 240
 ctgttctctc caccctctc cctgatgcca ggggcaccag actgattctg aggcacaaat 300

<210> 396
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 396
 ccategattc ggtgtcacta tctcataga tagagccaaa acatttctat cacaccggca 60
 atttctctatg tgtcccatcc caatcaatcc tttccctttt gctggctcca aacaatgact 120
 ctttctctatc ttattagaaa gattagaatt gcttttctag agttccagta atggaatcat 180
 acagtgtcta agtctgtttg tgggtgctgta acaaaatacc tgagactggg taatttataa 240
 attataggaa attatttctc acagttctgg atgctgaaaa gtctatgatc aaggcactag 300

<210> 397
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 397
 agactactga actctacgct taaaaattat taagatggca aatttcatct tgtttttttt 60
 taacttaaaa aaactacata taagatagtt ttgcctgttt tcagggtttct tttcagtgtt 120
 ttaggtattc agtatttaaa tcacaaaatt tgtgatttga acattttttt ctcccttcat 180
 gagattttta gtggattgat acttgctttc cattctgtcc cgatgtctga cctttgtaat 240
 gtaaagaaga acattttgtt taattgagag aagtctgctg tgttcttggt gatagaggac 300

<210> 398
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 398
 aaagtagtaa gacttggtat ggttggagtg taggaatgaa tattcatgaa atgtttctta 60
 ttgcttttcc ttccttaatt catacaatga atgtatttgg aatacttaca tattataaaa 120
 taaactatac ctcttcaaga ggtatcctgt tctgtaagat cagatgtttt tattgcaggt 180
 caatataata ctgccagaga cagaaaatac ccccttatca gtcccttagt gcctctttcc 240
 tgtttgtggc atggtgagaa aacctatgct gaaaagattg tactttgtga tccccctcag 300

<210> 399
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 399
 ggaaagagaa gaatgagctt gtccgtcagc tggtagcttt cattcgtaaa agagataaaa 60
 gagtgcaggc gcatcgaaaa cttgtggaag aacagaatgc agagaaggcg aggaaagccg 120
 aagagatgag gcggcagcag aagctaaagc aggccaaact ggtggagcag tacagagAAC 180
 agagctggat gactatggcc aatttgaga aagagctcca ggagatggag gcacggtagc 240
 agaaggagtt tggagatgga tcggatgaaa atgaaatgga agaacatgaa ctcaaagatg 300

<210> 400
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 400

gctatgttgt	cgttacaaca	tcaaagtgat	tttacggttt	ttgatgggat	tattcaagtg	60
tcagaattaa	ctgttcaaaa	tggttctgaat	catgtagata	catggcaggt	aactgtttat	120
gggagaaaag	tacagtgtctg	ttacgtggca	ctgtacagtc	atgtgccacg	taacagcgtc	180
tgggtcagtg	acggacactt	acctgacagc	ggatccacaa	tattctcgtg	cagtgtgttt	240
ggaatcctcg	tctgggctct	cgtcgttggc	cttgtagatc	aagtagggga	agtgagtgat	300

<210> 401

<211> 300

<212> DNA

<213> Homo sapiens

<400> 401

tttgtgtgag	atttgatcat	agtctaaaac	tatcacgtct	gagttgcctt	aggatgacag	60
tgctgacacc	cagtaggaag	tatccccattt	ttatcaggaa	agtcagtcac	gcgtagggat	120
ggtgaggaga	cgcgtaggga	tggtgaggag	gggagaggag	ggagacctgc	tggtgccctt	180
gcaccagggg	gaggcctgac	tcacgctgct	tccccccaca	ggccctgctt	tgcttgctg	240
ctttttccag	aatcgatttt	gcaagcttca	agattctgtt	cccctcttcg	cagaagtgag	300

<210> 402

<211> 300

<212> DNA

<213> Homo sapiens

<400> 402

cccccatctt	cactggttat	tccacttatt	taaaatgtcc	agaataagca	aatctccata	60
tagaggaagt	agattagtgg	ttgcttcggg	atgggaggaa	tggaagatt	gaggtctttc	120
ttttgcagtg	ataaaaatgt	cctaaaattg	actgtagcga	tggtcacaca	actctgaata	180
tgcttaagac	cattgaatta	cacactttac	gttggtgaat	tgtatggtat	gtaaattata	240
gttcaataac	atagttacaa	aagataatca	aaagcatgaa	agcactgttg	atgtggtttg	300

<210> 403

<211> 300

<212> DNA

<213> Homo sapiens

<400> 403

aggcgtcctt	gcggaaaggg	catttttagct	gaggcttttg	agtaagaata	ggagctcagc	60
aggcagacga	atgaggaata	aaggtcagag	aaggtcagag	ctgagtgcg	tttggaatcc	120
accccgttta	ttgtagaact	gggggttcag	agggcaggtg	cctcagagtt	gaggccacac	180
agtgaggtct	ggtgggtgaa	aggaccagag	aacgaggcgt	tcaggaaagc	aggttgtcag	240
agctatgtgg	agtctgtggg	tggcaggggc	agccgctcca	gcctttgaag	actttgaaaag	300

<210> 404

<211> 300

<212> DNA

<213> Homo sapiens

<400> 404

gggattacag	gcatgaccca	ccgcgccag	cctgtaattt	cttatacttt	gtattttgta	60
cttgatttat	gcttctgata	cgctataatt	atztatgtac	atgttttttt	tcttcaatag	120
actgtgaact	cttcgaatgt	aggactccta	gagctagata	ctcaattatt	ttttattaaa	180
ttgaatgact	tgaactaca	gaccccttat	ttaaacttcc	caaatttctg	ctttatctag	240
gcaactcttt	aaattctttt	atctcatgta	gatttcaaag	gctgaaataa	ttgagatttt	300

<210> 405

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 405
 aaatattttg atactgtacc cgttgetgct gccatgtgtg tgettaaaac aggggttcctt 60
 tttgtagcat cagaatttgg aaaccattac ttatatcaaa ttgcacatct tggagatgat 120
 gatgaagaac ctgagttttc atcagccatg cctctggaag aaggagacac attctttttt 180
 cagccaagac cacttaaaaa ccttgtgctg gttgatgagt tggacagcct ctctccatt 240
 ctgttttgc agatagctga tctggccaat gaagatactc cacagtgtga tgtggcctgt 300

<210> 406
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 406
 cgtctcaaaa aaaaaaagta ttttaccat ccacaggcag cagacaagga agtaccttct 60
 gtgactgtct ggcaaggtea aaggcatcag ggaaggtaaa atactgaaac tatattttta 120
 aaaataaaag tattcccttt tgagtgtgaa ttaggaatca atgccccctc tcaactacttt 180
 tgtgaaaaaa atcacagttc ctgcagcaag tctatgcctg ggtaacaacc aaccacaaaa 240
 atccaagagg aggtccccct ctccgcctc tgtgaggctt gaggagcagt atgtatctgg 300

<210> 407
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 407
 ggatgccttg gggcagaagc tgcccagaag gccccagcca gggcctggag agcagctcac 60
 agtcttccag ttctggagtt ttgtggaaac cttggacagc cccaccatgg aggcctacgt 120
 gactgagacc gctgaggagg tgctactggt gcggaatctg aactcggatg atcaggctgt 180
 tgtgctgaag gccctgagat tggcgccga gggcgctctg cgaagggacg ggctgcgggc 240
 cctcagctcc ctgctcgctc atggcaacaa caaggctcatg gctgctgtca gcaccagct 300

<210> 408
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 408
 ttttcaagag gtagtaagtc tgaaccaagg tgttggcagg gagagtagaa aagatttggg 60
 taagggtgca gaagtagaag cacaagattt gacagctcat tagatattaa agaagaccaa 120
 tgaatcagga gatggtaatg ccaagattta gaccgctgg aacgatgatg agttggtggt 180
 ggtgagagta agtagtgagc ataatgatat gttgaaatca gtaggaagat tgtgtttgag 240
 gaaaatataa ggtatccgct cattcattct ttattttatt ctgttaatct ttaaaaagct 300

<210> 409
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 409
 ggggttccatc ctttccaccc aggaaatgga ggcacgactt gcagcgttgc agggcagagt 60
 tctaccttct caaaccccc agccggcaca tcacacaccg gacaccagga cccaagccca 120
 gcagacacag gatctgctaa cgcagctggc agctgagggtg gctatcgatg aaagctggaa 180

aggaggaggg ccagtgaccc tccaggacta tgcctccca gacagtgatg acgacgagga 240
 tgaggagaca gccatccaaa gagtcttgca gcagctcact gaagaagctg ccttgatga 300

<210> 410
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 410
 ctggaccggg tcttggtgct ttccagctca gggcgttggg ccacttggtt attcttgggg 60
 accaaaatcc aagctaggat ggggacagag gcctggagac aacctgctgg cctccttcca 120
 ttaaagccat tacagtgtca ccacaggatt gtaagaatta caaatgctt ttccagagtc 180
 cccagagaaa aaggagtctg gcagttagaa gagtaaaagt catctgtcaa caaaagaaat 240
 accaaagatg agactacagc agcgacttgt cacctcttcc gtgttgctac tgcttgagaa 300

<210> 411
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 411
 gccccgctcc atgagcagtg actccccagc tctctctggc accagtcccc agggctctcc 60
 tgttggtagt tctgtctttt cttcttggaa attcctcgtg gacctcgaga tctttaccct 120
 aaaatagtcc tgttgaattt caccctggca atgtaaattg atagcttacc ttcacagatg 180
 ccagacaatg gacaactcac catcagtcct ctgctcacct gagacaaatg catgtctgat 240
 tgcttctctt gccctattgt ttatgtgaaa atgcagattc actgagccag actaaggcat 300

<210> 412
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 412
 cagccttggg gacagagcga gaccctgtct ctaaaaata aataaataaa atattgtgag 60
 tctctgatgg ggagcagtat tgcattggtg ttgagaactg aggcctctgat gttagaactg 120
 gattctgact taaccactg tttgcccaca tcttgagcct tgggttccct atctgtaaaa 180
 tggcagatatt ctctgggctgg ctgaggaaag gaaatgaggc caggcgcggt ggctcaggcc 240
 tgtaatccca gcactttggc aggcctgaggc atgtggatga tttgaggcca cgagtttgag 300

<210> 413
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 413
 cccaaatgga cactttgctt gcaggatgat ctgccgaatg aatacccagg tacagctcca 60
 cctatctacc agttgaatgc tcttggctt aaagggcaag aacgtgcgga tttatcaa 120
 agccttgagg aaatatatat tcagaatata ggtgaaagta ttctttacct gtgggtggag 180
 aaaataagag atgttcttat acaaaaatct cagatgacag aaccaggccc agatgtaaag 240
 aagaaaactg aagaggaaga tgttgaatgt gaagatgatc tcatttttagc atgtcagccg 300

<210> 414
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 414
 accagttntn gttaatttan ccnaccgaggg ttaacccatc ctaacagggga aggtaactgt 60
 acgtccatca gtccactaga gggcatcaca acttggttaa tgagataatc aaacatatga 120
 tgtaatttta aagggtttac atttttaaaa atttaatatg gtatcagtta actaatttta 180
 cttagatgga acttctgtaa gcttagtagg tatgcttaaa taaagcctgc taataaaata 240
 gagattcaga ctcaatagaa tggttttaca tatgtaatat atgttttaaa cagcataaaa 300

<210> 415
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 415
 cagagatgat agcacttcat tgactgccaa agaggatgtc agcataccca gatccacatt 60
 aggagacttg gacacagttg cagggtctga aaaagaactg agtaatgcc aagaggaact 120
 tgaactcatg gctaaaaaag aaagagaaaag tcagatggaa ctttctgctc tacagtccat 180
 gatagctgtg caggaagaag agctgcaggt gcatgctgct gatatggagt ctctgaccag 240
 gaacatacag attaaagaag atctcataaa ggacctgcaa atgcaactgg ttgatcctga 300

<210> 416
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 416
 ctcacctgga ataatgagat cttacctaac tgggaaacaa tgtggtgctc tagaaaagtt 60
 cgagatttat ggtggcaggg aatccctcca agtgtgagag gcaaagtctg gagcttagcc 120
 attggcaacg agttaaatat caccacagag ctctttgaca tctgtcttgc ccgagccaag 180
 gagagggtgc ggtcccttag cacaggaggc tctgaagtgg agaacgaaga tgctgggttt 240
 tcagcagcag acagagaagc cagtctggag cttattaaac tggacatttc tagaacattt 300

<210> 417
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 417
 tcccaggaac acccaggaag ccatatttta gtgctaaccg ggacaaaagc catagtgttt 60
 ttcccagtgt tgactactct gcctggcctc tctcttctgt cttataactt actgtgttaa 120
 agagctttgg ttgagtatag attctcctag gcttaccgta gagttacatc ctgataagcc 180
 cattataagt tgaaaatgtt tttagccgtg gtggctcatg cctgtgttcc cagaactttg 240
 ggaagggtgag gtgggcgatc acttgaggcc aggagtcca gaccagcctg ggcgacagag 300

<210> 418
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 418
 ccaaaccctt ggtttcctgt cccttagtgg tgtggccgtg ggcaaacgcc ttaacttccg 60
 tgagctttga cagtctgtct gggaggcagg gctcaggcat ccctggcctc ttgggggttg 120

```

gtgagagggga gacagagggtt tgtgaagegc tttgcacacc tgggcatctg gtcagtgttc      180
agtaaagtcc agctgggctc agtgggtgcac tcctgtaatc ccagcacttt aggaggctga      240
gtggggagga tcacttgaag ccacgagttc agggctcagc ctgggcaaca gagaaagaca      300

```

<210> 419

<211> 300

<212> DNA

<213> Homo sapiens

<400> 419

```

gagacgtgca gctgtccaag gctctgtcct atgccctgcg ccatggggcc ttgaagctgg      60
ggcttcccat gggagctgat ggcttcgtgc ccctgggcac cctcctgcag ttgccccagt      120
tcgcgggctt ctctgctgaa gatgtgcagc gcgtgggtgga caccaatagg aagcagcggg      180
tcgccctgca gctgggggat cccagcactg gccttctcat ccgggccaac cagggccatt      240
ccctgcaggt acctaagttg gagctgatgc ccctgggagac accgcaggcc ctgccccga      300

```

<210> 420

<211> 300

<212> DNA

<213> Homo sapiens

<400> 420

```

ggaagcagca ggggtccagg gtagaagggc tcccagaccc cgagaacagg accgagacgt      60
gcagctgtcc aaggctctgt cctatgccct gcgccatggg gccttgaagc tggggcttcc      120
catgggagct gatggcttcg tgcccctggg caccctcctg cagttgcccc agttccgcgg      180
cttctctgct gaagatgtgc agcgcgtggt ggacaccaat aggaagcagc ggttcgccct      240
gcagctgggg gatcccagca ctggccttct catccggggc aaccagggcc attcctctgca      300

```

<210> 421

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (295)

<223> n = A,T,C or G

<400> 421

```

accaagagaa cgcggtcaga aggaggtgga actggggagt cctctcaggg agggacangc      60
aaaagactca aagtagatgg acagaaaaac tgctgtgagg aggggaaaga ggagcagcag      120
ggatgtgcag gggacgggtg ggaagacagg gtagaagaga tggttatgga ggttggagag      180
atggtgcagg actgggccat gcanagccct gggcagccag gggacctgcc cctgaccact      240
ggaaagcatg gnncccttg anaagagggg ctagtncatc actgcagccc tggct          295

```

<210> 422

<211> 300

<212> DNA

<213> Homo sapiens

<400> 422

```

gtgggaactt cccctactcc ctggatgtgt gtacctagca cacttccttc tcccaccct      60
ttttccagtt ggatttggtt ttctgttctc ttctgtcctg tcttatactg caactgtgtc      120
tcctagggga cagatggcct tctttgtcat ctctactctc cccccccaga gaggagtcag      180
agccataact caatcactca gcccctccaa agatagttga tgtgtgataa tctcataatg      240
ttgagaaccc tgatgagata cattgtcttc ctctccctac aatgcctctg gggccaaggc      300

```

<210> 423
 <211> 267
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 423
 cttatcctgg tggatgtgct attttcttna aggagtatga agcccttttc tanctatcnt 60
 ccagtgagg cggagtcttc agtgnncagt tactccatag tgcaatccat attaataggc 120
 ttcttctctt aagtcttcat ctcttctttt gcttaattac tgaaccgtaa attcccttca 180
 gagaaattta aatgctggta tttggacttt atacatgata ctttttgtag tttcttttaa 240
 tttttgaaa atgaactgct tcctttt 267

<210> 424
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 424
 cctggtttcc tgtcccttag tgggtgtggcc gtgggcaaac gccttaactt ccgtgagctt 60
 tgacagtctg tctgggaggc agggctcagg catccctggc ctcttggggg tgggtgagag 120
 ggagacagag gtttgtgaag cgctttgcac acctgggcat ctggtcagtg ttcagtaaat 180
 gccagctggg ctcaagtggg cactcctgta atcccagcac tttaggaggc tgagtgggga 240
 ggatcacttg aagccacgag ttcaggggctc agctggggca acagagaaa acacttgctt 300

<210> 425
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 425
 ggggaattgct cttctctccg aggtctctgtt tcttgtagct atcaggaagt ggcagctctt 60
 tgaataagtg ccttttcttc tcccatctgc cacctttgtc ttcctctctg acataatcctg 120
 ggggttcagg agcttccagc tgtgcagttg gccacaggac taggggagcc cccttccctt 180
 ccagaccagt gtccacatac ctttccctgt gccacacac cttccctctg gccgcactg 240
 tcacccacca caagcctact ccagcaggag caccacagcc ttctgcggtc acgctgtgca 300

<210> 426
 <211> 277
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 426
 atttcaggac cagtggagaaa tagtcaattt aggatctaata tatttgcttt gtaggtttat 60
 gtattgccca tttggggtag atttaggaaa atattttcta aatccaagag ttcaaaacca 120
 ggctggacaa catagcaaga ccatatctct accaaaaaaa aaaaaaaaaa nnnnnnnnnn 180
 nnnnnnnnnn tngcccnngn ancccnant tnntggngng gntgngngng gnggncnntt 240

ggneccnnngg gggtnagggg tgcaggggcc ctnggcc

277

<210> 427
<211> 300
<212> DNA
<213> Homo sapiens

<400> 427
ctgatctaag gagctttatg atggagttga agatgctttt ggaagttgcc ttaaagaata 60
gacaagagct gtagcacta cctcctcctc ccagttctta ctcaagcctt attgaagaga 120
taggaactct tgggtgggat aattttaaaa tatttttctt gctggcagcc accagaaact 180
ggaagaggca aggaatagat tctctcctag agcctccaga gggagcacat ctttgctgac 240
accttgattt ttgccagtg aacagatgtg gaacccttg cctccagaac tagagagaat 300

<210> 428
<211> 300
<212> DNA
<213> Homo sapiens

<400> 428
tttctataca atttttctt ctgatccaga gacacggaaa aacaaagggc aagatggaaa 60
taagggtga gaaggtctat gtggaaaaac agttacaact ggagtggtaa ctgcaaaaac 120
caagcagctt catgtgatcg ttaggacaga agaaattctt cctttgtagc cttagagcaat 180
attctcaaaa tttaatgcgc atgttaatca tttggggatc ttttattcat tttttcatgt 240
ggggatcttt taaaaatgca aattctgatt tggtaagtct ggagtaggtc ctgagcttct 300

<210> 429
<211> 300
<212> DNA
<213> Homo sapiens

<400> 429
gaatcatcga aggttgagac cgtgtctagt tacatagtta taaataccca tctatgtact 60
gatgccttct aaatgtctat ctccagtatg gtcttttctt ttaagctcta gatccattga 120
caccctcacc atctctaaaa ggcatttcaa actgaacaca tctgatacag aacttttcat 180
ttccttccca actttgccca cgcagcctg cctcctcttc acgctttcca cttagtatat 240
gatcccaacta ttcactcagt ctctgaagct taaaacctag gattcatcct tgactactgt 300

<210> 430
<211> 300
<212> DNA
<213> Homo sapiens

<400> 430
caatcagtga taagctatat tttgagtttt aaaattgttt ttacaattac cctgttttg 60
agtatatatc ttgtcaaatc attctaataa atatttgctg ataactgtgt ggaatacata 120
aatggtaggt agaaatttgg aagaatcact acatattttc agttatcatt ctctgtgtaa 180
attcatgctt taaaaatatg agaagttaaa gtgccttgga tattatttta ttttctatat 240
tttgtcccat attgtattgt ctaattttca ttgaaaccac ataacatgct tgaataggca 300

<210> 431
<211> 300
<212> DNA
<213> Homo sapiens

<400> 431

tggttggtat	tataggtgca	caccaccaca	cccaactagt	tttttgtgtt	tttagtagag	60
atggggtttc	atgatgttgg	ccaagctggt	ctcgagctcc	tgaccccagg	tgatccaccc	120
acctcggcct	cccaggggtgc	tggaattata	ggcgtgagcc	actgcgcacg	gcctggggag	180
gttttatttc	ttgacaaagg	tatttgatac	tcgtgcagac	cctggagggt	ctcactggag	240
agacaacatt	taggctgaga	tctgattaac	aggaggcagc	tgagtgagc	aggtcaaaag	300

<210> 432

<211> 300

<212> DNA

<213> Homo sapiens

<400> 432

cccaggctga	caggggctct	gccgtcttta	acatgtgact	ttctaggtca	gtcatctggt	60
cattgctttt	ccacacagca	gataagacaa	aggagtggaa	atagaggggt	agagattttc	120
tcttaaacgt	gtgaggctgg	agtgggtatg	ttcattggca	agaacctggt	cctagcctgc	180
ctagctgaaa	ggaggggagt	cagggagatg	cactttgcag	ccaaaattct	gttgccaaga	240
aggggaaagt	agatttggtt	gattttgatc	tgtgtttgct	gctgtgttac	tctataattc	300

<210> 433

<211> 300

<212> DNA

<213> Homo sapiens

<400> 433

cacctagctt	tatcatttgt	aaaatgagtc	tctaggtaca	gccctttctg	gggttgagac	60
agagtttctg	aggagtaaaa	gccatgtcat	tgtggaaaca	ggcagctatt	ctcacagctg	120
gcatgagccc	actactcccc	tataatcagt	gctgataaac	tgctctcatt	tgttggactt	180
cagactttcc	tgaccactt	tgaatggggg	ccactttgaa	tggaaacttt	ctatgtattg	240
aattaaaaga	tctccaagat	aatgggttaa	atgaaaaagc	acagtgcaaa	agggcataatg	300

<210> 434

<211> 300

<212> DNA

<213> Homo sapiens

<400> 434

aagataaaaag	agataaggaa	gaaaaagaaa	gcagcagaga	aaaaagggag	tggtctcgta	60
gcccagaag	acgcaaattc	agatctcctt	cccctagaag	acgatcttcc	cctgtcagga	120
gagagagaaa	gcgcagtc	tctcgatctc	cccgtcacag	aaccaagagc	cggagtcctt	180
cccctgctcc	agaaaaagag	gaaaaaactc	cagagctccc	agaaccttca	gtgaaagtaa	240
aagaaccttc	agtacaagag	gctacttcta	ctagtgcacat	tctgaaagtt	cccaaactg	300

<210> 435

<211> 300

<212> DNA

<213> Homo sapiens

<400> 435

agagtcaagg	aaaagtgcaa	gatagatcta	tcccatttct	tcctccacct	ggagattcct	60
gagctatgct	cagcctctgt	ggggcagggg	agactggggg	catttttagt	caggatgctg	120
agaagtaatt	cctgctgggg	ccaggcatct	tttcagggct	gctgtgatgc	caacaaagaa	180
ggggccccag	gccccatcct	actcctgggt	ccaaaaagga	tccaagtggg	atgggaagct	240
ggcagcacca	acccacttgt	agattaacaa	caacaacaaa	acaccaacaa	ataaaaaaag	300

<210> 436

<211> 300

<212> DNA

<213> Homo sapiens

<400> 436

aagaaaggct	gcctttgagt	tgaccaacca	tgttgaggtg	gtagatgggt	gctaaactca	60
ctgtagtctg	agtaattgac	ttccacaagt	catccccact	gttgagcctt	tcaaaatgaa	120
gtctcagtat	atttacaaat	taatggacat	cctctctggg	gattagtcac	attctaattc	180
aacaaagaca	ttgtttgaag	tttgtttttg	tttgctaaat	gaactaaaaa	ttatgagatt	240
tgcacctaaa	ggtactgagg	taaaggagag	ccaaaagtgg	ggtagtcaat	ctacttattc	300

<210> 437

<211> 300

<212> DNA

<213> Homo sapiens

<400> 437

accaggaata	atctagggct	cattagagat	gtcaaagatc	tggtctagtt	tcttaaccta	60
aaacaagagt	gttttagttc	cattttatag	gcggggagtc	tgagccaaac	atgttatgtc	120
actttccaag	tctccatagc	acagaagtct	tctgtctccc	catcctgact	ttcccagctc	180
atagggactg	tcaaaggcag	cagctctggc	cggctgtgat	gcctcatgcc	tgtaatccca	240
gtaatttggg	aggctgaggc	aggaggatca	tttgaaccca	ggggttcaaa	accagcctga	300

<210> 438

<211> 300

<212> DNA

<213> Homo sapiens

<400> 438

gcagaacatt	tctcaagaat	cctcttgagc	cagtaatcaa	tctgtctca	aaaaatgttc	60
tttgccattt	cctagatact	gcacaaaagt	ggccatgtcg	acatttgccc	acccaccctc	120
caataagctg	gagcgacaaa	gggacattcc	atccctgtac	ccttagtggt	agccatgaca	180
cgatggccag	atcatggact	ccggaaagct	ttctgttttt	actggaaaca	tagcaaacct	240
tgatttagct	ccaagaaatt	gagtagggaa	atatttgttt	tttagcaatt	gtcatagtaa	300

<210> 439

<211> 300

<212> DNA

<213> Homo sapiens

<400> 439

cagaaattca	aataattctt	ttctgcttca	atgccagcag	aaggcccccc	aggtagacat	60
ggagaagcac	tttgttttaa	ataggagggt	ttcatagttg	catctgaagc	cacctgggtc	120
tgttaaactg	tatcgtgcag	gttttgggtt	tggcattatt	catgtttctg	atcaattcta	180
tgcaactctc	atagttcctg	ttacttttta	gcattagctg	ccaaatgact	tcaaaaggct	240
ggggtgggtg	acttgactgt	gagactggat	tataacatgg	acaaatctta	ttttgcttaa	300

<210> 440

<211> 300

<212> DNA

<213> Homo sapiens

<400> 440

tcccaggaat	ctttgttgta	tattaatttt	tgataaccat	ttgattaact	ttaaaattaa	60
gtatatgtgt	gtatatatac	atatgtatgt	ttatatacac	acatgtatct	gtatagtttt	120
atatatacat	atatacacat	agacatacac	agaaccacta	ctttgtaata	gtgtacagtt	180
tgttttatat	ctctttactt	tttttgttac	tattttatct	ggccagcgta	atagttttat	240

ttagatttttt taaaattctg tagattaaag caaatgacag ttattgaact atcacaaaac 300

<210> 441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 441
 gtcccttgcg cggggccatg gagacactgc ggccagtacg gcggcgccctc tgtctgaaga 60
 aggggaagtg acctccggcc tccaggtctt ggccgtggag gataccggag gcccctctgc 120
 ctccggccgtt aaggccgagg acgaggggga aggaggccga gaggagaccg agcgtgaggg 180
 gtccgggggc gaggaggcgc agggagaagt ccccgagcgt gggggagaag agcctgccga 240
 ggaggactcc gaggactggt gcgtgccctg cagcgacgag gaggtggagc tgcctgcgga 300

<210> 442
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 442
 gcttgcggct gcggggagct cccgtgggag ctccgctggc tgtgcaggcg gccatggatt 60
 ccttgcggaa aatgctgac tcagtcgcaa tgcctggcgc aggggctggc gtgggctacg 120
 cgctcctcgt tatcgtgacc ccgggagagc ggcggaagca ggaaatgcta aaggagatgc 180
 cactgcagga cccaaggagc agggaggagg cggccaggac ccagcagcta ttgctggcca 240
 ctctgcagga ggcagcgacc acgcaggaga acgtggcctg gaggaagaac tggatgggtg 300

<210> 443
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 443
 tttctacat tcggaggctg cctctgacg tcgtcaccgg ctacctggcc ctgaggaagg 60
 ccacgagcat cgttcctga gcccagaaa gggagatgaa gtggaaagct gtttcaaaaa 120
 cagactctgg actcatgatt ttgtttcacg gaaacaaact cgttctgctg tcaatctgaa 180
 aatgccagtg ctgtgccttg gaaagaatgt ttggctttaa ttaagggtt ttttttttta 240
 gtgtgtgttt tccctccaag tgtgatattt cctgctgaat taaattatac ttcagttggt 300

<210> 444
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 444
 ctccgagcca ccccggaaga ccatgcgcag aggggtgctg atgacctgc tgcagcagtc 60
 ggccatgacc ctgccctgt ggatcgggaa gcctggtgac aagccccac cctctgtgg 120
 ggccatccct gcctcaggag actacgtggc cagacctgga gacaagggtg ctgcccgggt 180
 gaaggccgtg gatggggacg agcagtggat cctggccgag gtggtcagtt acagccatgc 240
 caccaacaag tatgaggtag atgacatcga tgaagaaggc aaagagagac acacctgag 300

<210> 445
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 445

```

ggttaattcc ctgaatccta cttgaacatt gtataaatTT ctctttgcat ataatacata      60
tttgtgaatg agacatatTC ccaaaaaaatt cttatctctg tatgtgattg gaaaagaaaa      120
gatcacatTT gtatattcaa caatctttca cctatttcat aagtcatttt ttcaccctgt      180
atagtatggg aattatTTTT tatgttaaat agaaactgaa tgtactgggt tgaatgggtg      240
cctctccaaa attcatgtac ttcttgagag ctcagaatgt gaccttattt ggaaataactg      300

```

<210> 446

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 446

```

gnctttnaaa accatctact tgttctTTTT gcaggatccc atngangtcg ggagaatgct      60
ggccacagat ggtgctgccc aacaggccca taccactcgt tccagtcaga ggtgcttggc      120
ctttggggat gatgttcggt gttccaatca gtctcttcca atgaccagac actgccttac      180
ccatatttgt caggatacga atcaggttct cttcaagtgc tgccagggat ctgaagaggt      240
acctcgcaac aaacctgttc ctgtaagcct ctctgaggat cctgctgcc cactgcattt      300

```

<210> 447

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 447

```

gccagatcct gcaggagagc gcgatgcaga aggctgcggt cgaggcactc caggtgagga      60
aagacctgat gcacggcag atcaggagcc agattaagtt aatagaaact gagttattgc      120
agctgacaca gttggagtta aagatgaagn nnnnnnnnnn ngaatgccta nntgagatna      180
tttgacctgg tccttntttg natttgacct ggnccanac tacanggtca cttgggttcat      240
ctnctggacc cctgcttntt ctgggctgng cnntnaatgc ntncgttct ttagagaaca      300

```

<210> 448

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 448

```

gttgctgtca cttggatttc tagctttggg agcctgttcc acctactcag ctctgcattg      60
agcagtatgg gcacatgcc tgtggacagt tactggacgt taatgaactc agaggagaaa      120
agcagtgagc cacttgttct gtgtgattta tggtaacttca ttgctcttcc ttcacctcta      180
gtcactttct attgctacct gccctacatt ggctcctgcc aaggteccct tctctccctg      240
tttctctttt tttttttttt nnnnnnnnnn nnnnnnnnnn tgcnttnncc cccaggttga      300

```

<210> 449
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 449
 gccaaagcctc ggccctccact gcacctgctg cggagtgcca cctttgcctg caaggccctc 60
 taccatcatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cctttgtggt 120
 ggggttgctca gtctgtcctt cctcatgag aagctactgc ttatgtccac agaccaggag 180
 gagctgtcac gctggtacca cagtctgact tgggctatca gcagccagaa aaactagagg 240
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 450
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 450
 gccaaagcctc ggccctccact gcacctgctg cggagtgcca cctttgcctg caagtcccgg 60
 taccatcatgg ccagtggtca tctcagcagg gtctttggcc actcaggagg cctttgtggt 120
 ggggttgctca gtctgtcctt cctcatgag aagctactgc ttatgtccac agaccaggag 180
 gagctgtcac gctggtacca cagtctgact tgggctatca tcagccagaa aaactagagg 240
 aatcttatag attccagaac tcaggatacc tcagggatag gtcacagcca agagtacaaa 300

<210> 451
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 451
 ccattgttag catcgtagac gattgtgatt tttatgtcaa aagaagccaa aacttgcaat 60
 actattttta gcagacaaaa aaaagaacta agtataaaat gtataaatat ttttgacttg 120
 aacatttggg tggcactggg tgcaagtaga gcatccatcc ttcggatgga atgtttggaa 180
 aaaagagact tttaaaaagg agacggttgt tttaaagagt ctgtttaggg gttaaagtac 240
 tgtaactcac gactgttaaa aaataaattt tctgtgtctg taaaggaagg tttcacagta 300

<210> 452
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 452
 gcaggatgtg atgtcaccga gatgcagagg atactcagtc aaccaacatt tactgagcat 60
 ctacttcgtg ccgtatgtct tgtcaacgga aaggggtccc tatccagacc ccaagagagc 120
 attcttggat ctcttgcaag aaagaatttg aggcgaatcc atagagtaag caaggcaagt 180
 tacttctata tagaagggtg cacccttaca gatcaaaca tgcttagtga tgtgtgtcag 240
 acctctgagc ccaagcaaag ccatcatatc cctgtgacc tgcattgata catccagatg 300

<210> 453
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 453
 cctgagggtca catgtggatt tggccagagc cttcaggagg tggaggccgg tgaggtcagg 60
 agcccagctc tccagggggc ttctgcctg actgggaagg gtgcctggct ccctaaaaca 120

```

atgtcaaagc cagtccctgct gttctctgtt gccagggggc aggtctgggc ctgggccaac      180
cacgtttgtt atcatggctg ctgccttctg gacagctgcc agctctgcct tgagagggtg      240
tgggacctct ggatccagct gacctgacag gtcattctact caggaggagg ccctgtgctc      300

```

```

<210> 454
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 454
cacctcctag gttcaagcga ttctcctgcc tcagcctccc aagtagctgg gactataggc      60
atgggccacc actcctggct aactttcgta tttttagtag agatagggat tcaccatggt      120
ggccaggctg gtcttgaact cctgacctca ggtgatctgc ccgcttcggc ttcccaaagt      180
gctgggatta cagttgtgag ccactgcacc cagccaggaa tgacatttca aattattcaa      240
ttttgctatc aacaccttaa tataaaacca aagaggtaag catgctgggt actatagaac      300

```

```

<210> 455
<211> 221
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(221)
<223> n = A,T,C or G

```

```

<400> 455
ggggcggcca ttactgaaag cctgcacatg aggagtgggt tttctctctc tctcctctc      60
aacattgagt tgatgatgat catgatgttt gagacagtgt ctactctgt cctgcctcag      120
cctcctgagg agctaggacc acaggetcat gcctccacat cctgctacat tttttatatt      180
ttttgtagag ttggggctct gctgnnnnnn nnnnnnttat a                          221

```

```

<210> 456
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 456
gaaggcagtt atatgggttt ttactttttc atcaattcca taccatcggg agtaactaaa      60
tgaaacatac ttcaaagaaa gaagtcaaat taaatgactg tcattgcca ttaataaaaa      120
caacaatctg agcttaacaa aaaattttaac aaacaggga gacagaaaga tggatatatt      180
attgcctgac tacactggca taactcactt taacaaaaat tatcacattt aataatataa      240
cctgttatag ctaaataatta aacacatatt aattagggcc aactttgaag gattttctaat      300

```

```

<210> 457
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 457
aagtagctgg gactacaggt gccaccacc atacctggct aattttttgt attttttagta      60
gagacagggt ttatccatgt tggccaggct ggtctcaaac tctgacctc aagtgatcct      120
cctgcctcgg cctcccaaag tgctgggatt acagggtgtg gccaccatgc ccagccaata      180
atttcctgat ataataaaaa tgccaatact atacaattaa atagtaaagt gataaaaaat      240
aggataacat gataaccact aattaatata tactacataa tcatectttt cgtgagttga      300

```

<210> 458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 458
 gcagctgtgg agagaactgt acgtggtaag ggggagatat aagatgtcct gcataagtat 60
 tttccctgta gattgcaaag tcattctatgg agaggaaagg tccaaaatag tcactgggga 120
 gagcagggtga attagatggc caagcagggg ggatggatca tttgaggttt ggggtgacag 180
 atcaactgag atccacttac acttctgaaa acgcaagaac actttagaac attaacaaca 240
 cttaaagctt tttacatcat ttgtaaataa ctggtggaac ttaacaccac aaaataaagt 300

<210> 459
 <211> 243
 <212> DNA
 <213> Homo sapiens

<400> 459
 cacactccag gctgagaaa agtaattagg aggcctgagg aggggcccag gaaaggctgt 60
 tgggggtgtgc tgggggttgg acccgagcgc cttccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgagg gggtcttatt tgaaaacatc tatgatgggg gaggtgtggg 240
 aag 243

<210> 460
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (260)
 <223> n = A,T,C or G

<400> 460
 cacactccag gctgagaaa agtaattagg aggcctgagg aggggcccag gaaaggctgt 60
 tgggggtgtgc tgggggttgg acccgagcgc cttccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgagg gggtcttatt tgaaaacatc tatgatgggg gaggtgtggg 240
 aannnnnnnn nnnnnnnntg 260

<210> 461
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 461
 ggcagggtcat gttttcaaga gtagccagaa gtctggattc ttatgcaaag cctgttttgt 60
 tgttttgttg tttgtttgtt tgaagtttgg cagcagattt aacattttta aagtactgtg 120
 caggccaaac aaaacacgcc tgttgactgg ttgtttgcc tctaaatat aaagtggggc 180
 ccatgtgtgg tggtcacac ctgtaatccc agcatttttg gaggccaaagg caggaagatc 240
 acttgagccc aggaggtcga ggctgcagtg agcagtgatc gcaccaccgc actccacctg 300

<210> 462
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 462

gccaggtgtc	attgcacatg	cctgcagtc	tggtactag	ggaggctgag	gcaggagaat	60
tttttgcacc	cagaagttca	aggctgcagt	gagctatgat	cacaccatgg	cactccagcc	120
tgggcaatag	aatgagaccc	agtctctaaa	aaagtagaag	ttaaaaaaaaa	agattaagaa	180
tagatgtagg	gcagcagaat	ttcgaacttc	ttttcagcat	cacaatactt	taaaacagtg	240
attgtcatct	gcctcaaacc	cattgcctct	cacataggaa	atatttttgaa	acatattttt	300

<210> 463

<211> 268

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(268)

<223> n = A,T,C or G

<400> 463

gctgcactnt	ggcctgcattg	cactctggcc	tgcatggcag	aacaagaccc	tgtggaagaa	60
atgaacactg	gtattagact	taaagattaa	atttcctcaa	acatgtccta	tctgtagtag	120
ttcaactaga	caccttttaa	agtgcctcta	aattcatcag	atggccaaac	tgtatttata	180
atccacttag	gcattttgaa	aaactttcaa	cctgtaaaaa	gttactttta	tcttgatttt	240
attatgaaga	actttgtagt	tgctttgt				268

<210> 464

<211> 300

<212> DNA

<213> Homo sapiens

<400> 464

catgagttaa	aggatatatt	cagtcctggt	atcttcaatt	gcagtcttta	aaaaaaccca	60
ccctattggt	ctacttggtt	tatgtctatt	catacagtaa	attcatttca	aggtttatgc	120
cagtgggtat	tattggtgct	ttttgaagtt	gaggtgaacc	atccaggaag	gtcttggtta	180
tggtatgttc	atctataatg	gcatagggga	aatatatata	tttttaatat	tgtaaacatt	240
tgtactgaat	aacctttttt	tccccccctc	cgcaagcaaa	actgggttgaa	cagcggatga	300

<210> 465

<211> 300

<212> DNA

<213> Homo sapiens

<400> 465

attagctgct	tgtggtgggg	ccccaaccgc	cctcgggcac	tggggagctg	ggctggggct	60
gctgctctgg	ggtctccggg	ggccacagct	tggggtgagt	tgaagacctc	aggggatgtg	120
gaggggtctg	cggggccctg	gccgcacagg	atggccttca	gggaagggtg	tcttggggca	180
tggtgcagag	caggtgaccg	gagggaaatc	gtgacggagc	ggggccaagg	gaggggtccg	240
gagggagtca	gggatggagg	gcagagggag	tggatgtggg	ggtttgagga	cgtgtgacaa	300

<210> 466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 466

```

gaaaagggag cgcgcgagcg cctacggggag tccggcgcca gcagccggta ccggcaacca      60
cgggcagctc tcaggggaatc tccgtcgtga ggccagaggg tccagtcctc gcgagtccag      120
atgcctgtcc agcctccaag caaagacaca gaagagatgg aagcagaggg tgattctgct      180
gctgagatga atggggagga ggaagagagt gaggaggagc ggagcggcag ccagacagag      240
tcagaagagg agagctccga gatggatgat gaggactatg agcgacgccg cagcgagtgt      300

```

<210> 467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 467

```

agtggctgag tggaggcgcc cagacctggg caggcagcag gctcaggccc acaccttgtg      60
atTTTTgaaa ccaaagccca gaagatgatg tttacttctc tctccctggc tctgcccttc      120
ttactgcaaa ccatgctgtg ccttagggcc cttctcatag ctgttctctc tggccatgac      180
tggaacaggg atgcaacctc tttctacaca agcacagtta gttgggtgaa gtctTTTTTT      240
tgTTTTTTTT agacggagtt tctactcttg tgcccaggct ggagtgaagt ggcgtgacct      300

```

<210> 468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 468

```

ctggaaatga aattattatt ttcacccata gtagcaataa aaagaatact cagtaatacg      60
tatggaatac tacttagtca taaaaaggaa tgaaataatg gcatttgcag caacctggat      120
ggaactggag accattattc taagtgaagt aactcaggaa tggaaaacca aacgtcgtgt      180
gttctcactc ttaagtggga gctaagctgt gaggacgcaa aggcctaaga atgatacaat      240
ggactttgga gactcagggg aaagggtggg agggcggtga gggataaaac agtgcacact      300

```

<210> 469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 469

```

gacagtacct ttcccccccc ttctatggcc cattttattg tctgcctttc agtactaagt      60
atgaccgttc ctatctcaga tcttaataaa gagaaaaaaa aannnnnnnn nnnnnnaatn      120
nggccttant tgantatact ngtttagcaag cgtgngngac agagagtggg gaaagctnca      180
tcattgaana tttngataaa ctttaccgac ttgagtnctg tncatntntc cctttnccta      240
aattaactag cactgnectn aagncatttn nctgtctgac gnntntccct tccattctgc      300

```

<210> 470

<211> 300

<212> DNA

<213> Homo sapiens

<400> 470

```

actgcctcct tccacacgag tgcccctttg gccaaagaag attattatca gatattagga      60
gtgcctcgaa atgccagcca gaaagagatc aagaaagcct attatcagct gctctgctca      120
gttagtTTTT attcccgggg taccaagcag ctgcacagtc ggtgcctggg aggcacgtag      180

```

aggccccctgg	ctcaggcaga	gggagatggt	tagactcttg	cagggctaaa	actctaattt	240
ggaattggaat	attgtggata	tcttagttaa	aggccatgct	tacagcttag	aaatgaagcc	300

<210> 471
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 471						
ttttttaaga	gataaggtct	tgctatgtta	tctaggtggt	cctaaacttc	tgggctgaag	60
tgatcctcct	gtgtagctgg	gactacaagc	atgtgccacc	aatgcctggc	ttctcacact	120
gttttgtaac	atagatatgt	gaagatgtgt	attatagaat	tgtttgtaat	actgtagtgt	180
tgtaggcaat	gtgactgtct	ataggggaag	ggacagggtta	tttgtggtaa	atactcatgg	240
aaaacggtca	agcagttaaa	agcaatcaat	tatggtcacc	cagcaatgca	gataaatctt	300

<210> 472
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 472						
agaacagggg	gaagagagga	agagggagct	gcaggtgcc	gaagagaaca	gggcggactc	60
tcaggacgaa	aagagtcaaa	cctttttggg	aaaatcagag	gaagtaactg	gaaagcaaga	120
agatcatggt	ataaaggaga	aaggggtccc	agtcagcggg	caggaggcga	aagagccaga	180
gagttgggat	gggggcaggc	tgggggcagt	gggaagagcg	aggagcaggg	aagaggagaa	240
tgagcatcat	gggccttcaa	tgcccgtctt	gatagccctt	gaggactctc	ctcactgtga	300

<210> 473
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 473						
atttgactaa	atcattgttt	cacaactgaa	tagtcttggt	cttttagtag	caatgaaatc	60
ctaagctcct	gaggccattc	acctgccaac	ctgaccatac	tgctttcaaa	agtcttttct	120
catcagtaga	atctattttg	gtcacttcta	gtcaatgaaa	aatgtaaact	tttaggagag	180
aatgtttcct	aggactcacc	cactccattc	aatgtttacat	ataaaaatagt	gtgatcaatc	240
acaatgtcca	tctttagaca	gttggttaaa	taaattatct	ggtctttgaa	aagaccgtgc	300

<210> 474
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 474						
aacttaaagg	tagttttaga	aggaagtaca	aattggcttt	catcttgcaa	acaatcgttt	60
tttacttcat	tatcttaatt	tgctttgtca	ctcataaaaa	ggaaaccata	cctgagttgt	120
agacaatgag	gaaacacttg	aggcttctgc	tgtgtgttct	tttgttattg	ttgttattgt	180
tgttactcag	taacttgaat	attgtttaat	gtgttgtaag	acgtagagtt	tatctcaagc	240
tgttaaaaat	ggtaatgtac	aaatgtgaat	agacacttat	ctatataata	tgggtaagtt	300

<210> 475
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 475

ttacttttga	ttgtgtctga	tggggaactga	gttgtttggcc	tttgtgaaat	gaaatttttg	60
gctcttgaga	aagaattctt	atgaattgtt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttattttttaa	acactttttt	tcataataca	tattccgagt	agatatttat	180
aaaatatatg	tttctttcat	tatgtgtttg	taaaattaga	gtttaaataa	atatgctttg	240
atgcatagtt	ttgaactaat	gtaacatgat	ttttcttttt	taaaacagcc	tgaaaatgta	300

<210> 476

<211> 293

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(293)

<223> n = A,T,C or G

<400> 476

tcatattagt	gttggcanga	gcaaaagggtg	gggnagggtgt	tgactttnan	agcacagnag	60
naanttttcn	tgttgttgtt	cgnttatctn	gattgtgtta	gtgcccacan	gnctgtatgc	120
atttttcata	attncanan	ntgtatncta	atnagggtgc	acttcactgn	acataaatga	180
atctcaacag	acaaaagggt	aaatcatttg	ttcattcctt	taacaagtat	gtgtcgagtg	240
cctactatgt	gctgggcact	gtaggttcaa	tggttaagaaa	agcagataca	ggc	293

<210> 477

<211> 300

<212> DNA

<213> Homo sapiens

<400> 477

gatgagttct	tttctttctt	tccacctcct	gcaaattatg	tgatttgcac	aatttgtaca	60
tagttagggt	catttggttag	tttgtattcc	ttttggcttc	ccccatatcc	tcgttgactt	120
tttctttctt	ttgtaactta	catatgttat	gaaatttata	tgaggatata	taattttcat	180
aaatgtttat	ggtttacatg	tattagtgtt	tattattaag	atcacctctg	gattgactgg	240
ccaagcatth	ggtggaagat	agcaataaat	aatacatcat	aaaagacttt	aatgtaaaaa	300

<210> 478

<211> 300

<212> DNA

<213> Homo sapiens

<400> 478

aagccaggag	cgaggggact	aacagcgcac	cccctccacc	agtgcgcagc	gaaaccccgt	60
tttaaattaa	aaaataagcc	agtatacatc	gtagaaaatt	tctcttaaaa	atctcacaat	120
ttgtaaatgt	atattttttc	tttaacataa	aagttttaca	tataccgtaa	aacaaaaggc	180
tcaggaaaaat	aattttccaaa	aaaaaggaag	aaaaagaaac	ctgaagtttt	gaatttaaagc	240
tgaagacatt	tttttaaac	ctgttgttga	accagtgtgact	tttttttatt	gtgctgatgg	300

<210> 479

<211> 231

<212> DNA

<213> Homo sapiens

<400> 479

cctcccagggt	tcacgccatt	ctcctgcctc	agcctcctga	gtagctggga	ctgcagggtgc	60
ccgccaccac	acccggctta	ttttttgtat	tttttagtaga	gggtgggggtt	cactgttttagc	120

caggatgggtc tccatctctt aacctcgtgg tccacccgcc tgggcctccc aagggtgctgg 180
gattacaggc gtgagccact gcgcctgggc ttgggttggt atactgggggt c 231

<210> 480

<211> 300

<212> DNA

<213> Homo sapiens

<400> 480

gttccctctt tcttgtaga ctggtccagg cagcccttct ggacactgca tgatcacagg 60
agcagccctc tggcccataa tgacggccct gtcttcgcag gtggccactc gggcccgcag 120
ccgctgggta agggatgatgc ctgacctggc ttattgcacc ttccttttgg cggttggtct 180
gtcgcgaatc ttcattcttag cacatttccc tcaccagggt ctggctggcc taataactgc 240
tgttgctact ccactctcct aggcgtgtgc ctgggctggc tgatgactcc ccgagtgcct 300

<210> 481

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 481

gtgatcacaa gggctccttg ctgtggaata gtgaggtggt tgagtcagag gcagagtgat 60
gcaatgactg aaagactttt ccagccatct ccggctttgn atnccgaagt cggatcatgag 120
ccagggnttg caggcaggct ntgggagctg naaaaagcaa ganaatggnt tctcccttgg 180
agcctccaga agggatgcgg tcctgccaac cccttgtcag tgagccnttt cagatttctg 240
acttccagga ctgtaagana atnanccttg cttgtcgaac ggnttcagan ttcaanact 300

<210> 482

<211> 300

<212> DNA

<213> Homo sapiens

<400> 482

cctacttatt ggatgttggc tctttggtgt catggagatg gctttactgt aggtttgttg 60
tgttgcatga cttttcattg ggattgaact gagaaataac aaacaagctt taagtgggaa 120
attaaaaaaa agaagtaacc tatgtagatc caaacttaaa atgtgagaaa ttattgaaat 180
ttcattttct acaaacttga aattagcctg ctaattgtaa agttgtttta ataattgctga 240
caaatgtcag ttacgtttgc aaaggagtgt atgggtctag gtatttgcct actgttaacc 300

<210> 483

<211> 300

<212> DNA

<213> Homo sapiens

<400> 483

gggtgcagtg gctcactct ataatcccag cattttggaa gtcttatgca ggaggattgc 60
cagaggccag gaatttgaga tcagcctggg caacatagtg aaactctcat ctttataaaa 120
agtaatatta aaatttttaa agtgtataa actgtaaagt atattttact ggtgttttct 180
tccttattcc tacttgtcag atgcaaatac acatttttgt gtgtttgtgt ttagtaatta 240
taagtataca tatttcttct atttcatata ttcttatgac attatatctt agatgtgtaa 300

<210> 484
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 484
 caaagaggta cagagtgaag acagtgtcct cctgtttgtt attgcatgga cgatcacgga 60
 aatcatccgt tactcctttt atacattcag tctattaaac catctgcctt acctcatcaa 120
 atggggccagg tacacacttt tcattgtgct gtacccaatg ggagtgtcag gagaactgct 180
 cacaatatat gcagctctgc cctttgtcag acaagctggc ctatattcca tcagtttacc 240
 caacaaatac aatttctctt ttgactacta tgcattcctg attctaataa tgatctccta 300

<210> 485
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 485
 gtgaggctct cttaaaaaat ttaaaaaatac tgaagaaaca aagggaggag tttgtagaat 60
 ctggagtggg ggaacttct gtgtcaccaa acacagaaac catcaaagaa aatctttcac 120
 ttccaaaatt agtctataga aaaaaaaaaag aaaatcttaa cccaaataag agactgaggc 180
 aagagcttca atcaatcgag gtttactgag ccagagttgg agcgtgcccc ggaaagcaac 240
 acaagtcaaa gaaacgtctg tggcctgtgc tctcccaaga agttttcagg aggctcaata 300

<210> 486
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 486
 cattaataac acacaagact tcaattgctg ggtcctccat tgattaatga aaaaatgatt 60
 gtttttggaa tttgagtga acacttctta atggctgagt aggggtggctt acgcctgtaa 120
 tcccaccact ttgggatcac ttgaggccgg gactttgaga ccagcttggc caacatgagg 180
 aaagcacgtc ttactaaaa atacaaaaat tagctgggcc tgggtggctca tgctgtaat 240
 cccagctact tgggagtcgt aggcgagagg atcgcttgag cttgggaggt ggaggttgca 300

<210> 487
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 487
 gtctagtata atcttgatgc tcaaaccaga taaggacaat acaagaaagg aagagtatag 60
 gctaattcta cccaataact aaatgaagta ttagcaaacc agattcatca ataacttttt 120
 aaaaatcaag aattaattgg atttaggaat ataactgtgt gtataacaag ttaagagaa 180
 atatatgaga atgataagac tgcaattgaa agtagaggct ttctctggag ggaaagggtg 240
 ggaggatgtg atttggaaga acagcatggg gaggcacag ttgtattgta atgtttattt 300

<210> 488
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(271)

<223> n = A,T,C or G

<400> 488

```
aancnangtn atnncaaggg tnattggntg nggaatagng aggtggatga gtcagaggca      60
gagtnatgcn nnnnntgaaa gacttaacca gccatcacgg gctttgaata cggaagacgg      120
tcattgagcca gggaatgcag gcaggctctg ggagctgaaa aaagcaagaa aatggattct      180
cccttgaggc ctccagaagg gatgcggtcc tgccaacccc ttgtcagtga gccatttcag      240
atttctgact tccaggactg taagaaaata a                                271
```

<210> 489

<211> 300

<212> DNA

<213> Homo sapiens

<400> 489

```
aagacctgca gcttcagcat cacttgagaa gttgttagga atgcatacta gtgggccccg      60
ccccagaca tagtgaatca gaaaccaaca gggaggcgcc tagcattgtt tttttaacaa      120
gtgctgggtt attctgatgc acagtctagt ttaagaacca ctactttggg taaacgtttt      180
gactgtttaa agtttatggc ggtgaagtgg gcatcttcaa agactagtac ttacacagtt      240
tagaagattt caaggtactg ctgacagtag tttattatgt cagtatacat acgtgtagag      300
```

<210> 490

<211> 275

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (275)

<223> n = A,T,C or G

<400> 490

```
gcactgtggc gctcacctgt aatcccacca ttttgggagg ctgaggcgga ggaccacctg      60
aggcaaggaa ttcagaacca ctctgggcaa cataatgaca ctaacaaaga ctatctctaa      120
tcaaggctag aaccaaggga aggctaataa ttgccagta ctgtgcatct actgaaagcc      180
ctaccaagg ccaccannnn nnnnnnnent ctntntatg ncnantcnga aanaacngna      240
acnttcacnt tnttgactga cgactgtcna cncat                                275
```

<210> 491

<211> 300

<212> DNA

<213> Homo sapiens

<400> 491

```
tgatgcctta gtcacttggc cacacagttt tgtggtttac gagtcatggg aattgcttgt      60
cttactctga ctgctaaagt tctgtcctat tgtcttttca tgtaatagca acatgactct      120
gatgacaaag cccaactaat tacacaactt aatttaatag tttaaagcgc aaagggcatt      180
ccctgagcag taaaatcttt tgtttggaat ttttaaaaca aatttatatt tactttatgt      240
tttatattta cgtaataagt atttacaaga acacaatttt ctcaagattt aaactgctca      300
```

<210> 492

<211> 300

<212> DNA

<213> Homo sapiens

<400> 492

gtcaactctc	cttggtgagt	gcctcagaac	ttaggaaaag	agaacagcgc	atgtctctct	60
catgaagatg	acagaggaca	aaagcaagca	gaaatataca	aggatttgcg	tactctatta	120
tgaatttctc	tttgagaaat	aatacctgtg	agaatgctgc	tccttcaatt	aggttcagga	180
ttggaggaaa	aatcatataa	aatagggtcc	tgcaataata	ttgccccttg	agtatgggtg	240
ggcttgtagc	ctgctcagtg	ctaaggaaat	gcagtggaaa	tgatgctgtg	taacttctga	300

<210> 493

<211> 300

<212> DNA

<213> Homo sapiens

<400> 493

ctgacaactt	gattgggttc	tccttcaggt	ttgaagcgcc	ctcgagaagt	gtctaaagga	60
gacagttgat	agccaaacaa	cagttttgga	ttcactgact	gattatgaaa	gaagcagtag	120
actggtatca	agaatcagtc	agcaaggagg	ccctcaccag	acgccagtgc	catgttcttg	180
gacttctcag	cctccatatt	catgaactaa	gtttttggaa	tccttaggct	tccacgtgtg	240
gaaagcctga	gctaacctac	tggaggatga	gccatcacct	ggagcagatt	caggccatcc	300

<210> 494

<211> 300

<212> DNA

<213> Homo sapiens

<400> 494

gtcactctgt	cacccaggct	ggagtgcagt	ggtgtgatca	tagctcactg	cagcctctac	60
ctcctgacac	aaagctgtcat	cccgttttgg	cttctcaaag	tgctaggatt	ataggcgtga	120
gccaccatgc	ccgaccagtt	tctgttttta	ttaaaattgt	tcacagtttt	atacattcat	180
gttcattaaa	aatgctattt	agaaaagagt	ttgataaaat	aaatattata	caaaattcga	240
agaaaaaaga	aaagagtttc	tgtttcagtc	acaaattagg	gttattgtga	tgtgtattta	300

<210> 495

<211> 300

<212> DNA

<213> Homo sapiens

<400> 495

gaaaagttaa	aaaagacatt	gagtgatgta	atccaccctg	ggggcaatag	ccatattgcc	60
aatggtgctg	ccgggtgtgt	ggcaacatta	cttcatgatg	cagccatgaa	ccctgcggaa	120
gtggtcaagc	agaggatgca	gatgtacaac	tcaccatacc	accgggtgac	agactgtgta	180
cgggcagtgt	ggcaaaatga	aggggcccgg	gccttttacc	gcagctacac	cacccagctg	240
accatgaacg	ttcctttcca	agccattcac	ttcatgacct	atgaattcct	gcaggagcac	300

<210> 496

<211> 300

<212> DNA

<213> Homo sapiens

<400> 496

gttatgaaaa	attattccca	ggtcctaagt	tcactcttag	gaacttctaa	cattgccacc	60
ttgatttcag	aattatgtgc	accaataact	atgttgttcc	tctcattttt	tcacttttgc	120
agcaagaagg	tcacatggca	gttacccctc	gcctgtccta	ccattgtctt	ttgggtatgt	180
gttgggcagg	taatttgtct	cttaagttcc	agaaacgaga	ttgagagaag	caatatatat	240
tcaaggagca	gcatttaagg	aactacctac	accaggaaa	tttcatctgt	acctgcacct	300

<210> 497

<211> 300

<212> DNA

<213> Homo sapiens

<400> 497

gtcacatctt	aaatggatgg	tggcagacaa	aaagagagag	cttatttagg	gaaactctgt	60
ttttaaaacc	atcagatctc	atgcaactta	ttcaccatca	caagaacagc	agggcacaga	120
cccatcccca	tgattcaatc	atttcctact	gggtttcttc	cacagcatgt	aggaattatg	180
ggagctacaa	gatgagattt	gggtggagac	acagagccaa	aacacatcag	atgccatgga	240
aatacaatga	ggaaaagaca	gtctttccaa	taaactgtgc	tgggaaacct	ggctatccat	300

<210> 498

<211> 300

<212> DNA

<213> Homo sapiens

<400> 498

gcaaccttcg	cctcctgggt	tcaagtgatt	ctcctccctc	agcatcccaa	gtagctggga	60
ctacaggcac	gtgccaccac	acccagctaa	tttttgcat	tttagtagag	gcagggtttc	120
atcatgttgg	ccaggctggg	ctcaaactcc	tgatctcaag	taatctgccc	actttggcct	180
cccaaagtgc	tggcattaca	ggaatggagc	caccgcgcc	agcctgattt	cttttttttag	240
gtcttgtcag	gaaagatatt	gattcttttg	attcgtgaac	atggtttttg	gtcgtcttta	300

<210> 499

<211> 300

<212> DNA

<213> Homo sapiens

<400> 499

cttaacagag	aaggtagctg	aggctcaaaa	aggatgactg	acagtccctag	tggcagaatg	60
gaggtgggat	ctggaaccca	caacttgatt	cctaggactc	ttttttttta	attcccacat	120
tggctgggtg	tgggtggctc	cgctgtaat	cccagcactt	tgggaggctg	aggtgggtgg	180
atcacctaag	gtcaggagtt	ccagaccagc	ctgaccaaca	tggtgaaacc	ccgtctgtac	240
taaaaataca	aaaattagcc	aggcatgggtg	gcccatttcc	tgtaatccca	gctactcagg	300

<210> 500

<211> 300

<212> DNA

<213> Homo sapiens

<400> 500

gggctgacct	taagataagg	agatgatect	ggattatctg	ggtggacceca	atgtaatcac	60
aagggtcctt	aactgtggaa	tagtgagggtg	gctgagtcag	aggcagagtg	atgcaatgac	120
tgaaagactt	aaccagccat	caccggcttt	gaatacggaa	gacggtcatg	agccagggaa	180
tgcaggcagg	ctctgggagc	tgaaaaaagc	aagaaaatgg	attctccctt	ggagcctcca	240
gaagggatgc	ggtcctgcca	accccttgtc	agtgagccat	ttcagatttc	tgacttccag	300

<210> 501

<211> 300

<212> DNA

<213> Homo sapiens

<400> 501

ctgagatctg	cttttactga	agtggatcaa	tgatgaaact	agccaaatct	gagcatcaga	60
aggctttccg	gtctacctga	tgcatgatct	ctacagttct	gagaagcaga	actataaaac	120
aatgtaaaac	aataagggca	tatgtctggt	gtgtgtgtgg	ggggtgtgtg	tgtgtgtgca	180
cccacacgtg	tttataaagg	tagcagttgt	aggaatgaat	gagattgggg	gtgagggggg	240

gcataatgtat gtctatgaaa gcctaatacat ttctggggcaa tgatgtaaag gttttacgac 300

<210> 502
 <211> 260
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (260)
 <223> n = A,T,C or G

<400> 502
 caccatcgaa tatttttatt tattttgaga gacagactct gtcacccagg ctagtcttaa 60
 actgttggtg aatcttaagt gattctccca cctcagcctc ccaaagtgtt gggattacag 120
 gcatgagcca ctacccttgg ctgtgatcaa gtatttagtn nnnnnnnnnn nnnnnnntaa 180
 atagtctgaa gtagagaaaa tagcacccaa tctaanataa ggtgaggtct anncaettat 240
 ttaannctnc nttntnnct 260

<210> 503
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (294)
 <223> n = A,T,C or G

<400> 503
 gctatgctaa acagccttta catgtatggt ctgggttaaag ttcccttgggt ccttttggttt 60
 taataaaatg tgtcactgat ttttttagctc aaaatcatca ctgttaattt ccagtcaccc 120
 caaatatggt taaaagattt ttttttttaa tcatgaagag aaaatttagta gcatttctttt 180
 ctctcccat tatttattgg ttttcctcac taatcttttt ttttttannn nnnnnnccaa 240
 aaatattnat ctnggtttna cntttnaatt nccntnctta atnggaattt tttt 294

<210> 504
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 504
 cagaacttca cagcagcctg tctcatcag caacccaacc accttcatca gcaacccaac 60
 caccttcate agcaacccaa ccacctcgtc agcaacccaa ccacctcgtc agcaaccag 120
 ccaccttcat cagcaaccca accacctcat cagcaaccca gccaccttca tcagcaaccc 180
 aaccacctca tcagcaaacc aaccacttct atctgcaacc caaccacttt catcagcaac 240
 tcaacacctt catctgcgcc caaccacctt catcagcaaa ccaaccacct tcttcagcaa 300

<210> 505
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 505
 gccagctac gatctatatg ctgtcatcaa ccaactatgga ggcattgattg gtggccacta 60
 cactgcctgt gcacgcctgc ccaatgatcg tagcagtcag cgcagtgacg tgggctggcg 120

```

cttgtttgat gacagcacag tgacaacggt agacgagagc caggtttgtga cgcgttatgc      180
ctatgtactc ttctaccgcc ggcggaactc tctgtggag agggccccca gggcagggtca      240
ctctgagcac caccagacc taggcctgc agctgaggct gctgcagcca gggactaggc      300

```

```

<210> 506
<211> 276
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (276)
<223> n = A,T,C or G

```

```

<400> 506
ccaagtntnc ancanccacc aaanggnttn nccgnatgtg gtccttatac acaatanagt      60
gntantcacc catacnaaaa gaatgagatc ctatcatttg caataacatg gatgaaacta      120
aaagtcattg tgntatgnga aatnagnacg gcncagaang tcanaatatc acgtgttgctc      180
tctctntctn taggannnnn nnnnnnnaag ccattctgaac tgacagagat ggagaatgga      240
aggatgggta ccagaagttg gtggggaagg ggggaag                                276

```

```

<210> 507
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 507
aaaacacaca cacacacaac acaatgtttt cagcctgtga aacctagcac attgggaagc      60
caaggtggga ggattgcttg aggccaggag ttcaaggctg cagttagcta tgattgcaca      120
ctgtactcta gcctgggaga cagagtgaga cactgtctct aaaaaaaaaa aaagtttttg      180
aaccttaaaa tactttgttt gaatttctaa tcattcattca aaagagcagt aaaaaatggt      240
tacttggtct tgtacaagct actaattaga ctatagtagg atatttttaa gagctgaatc      300

```

```

<210> 508
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 508
tgaagccagg aaaggggggtg ggctaggggg tgctgtttta ggtagagtga tgggaacagc      60
cccactgagc aaacttttagc cacatgagta gctggaagaa aagccttcta ggaccaggga      120
acagcaagtg caacagccct gagacaggat gggcttgctca gtttgaggag cagtgggagg      180
cctgaaccag gttacatggg gccagccag tatggccacg actttgtgtt ttatccagag      240
taciaaggag cctcactgag ggacaaggga agtggcatga tgtgaccgcg atattaagag      300

```

```

<210> 509
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 509
gcctgggaaa gcgtggcgcc catgaatatc cgcaggagca cgcattgacct gggggccatg      60
gacggatggt tgtacgccgt ggggggtaac gacggtagct ccagcctcaa ctccatcgag      120
aagtacaacc cgaggaccaa caagtgggtg gccgcatect gcatgttcac ccggcgagc      180
agtgtgggtg tggcggtgct ggagctgctc aatttccgcg cgccatcctc cccgacgctg      240
tccgtgtcct ccaccagcct ctgaccacc taccaccaga ggctgcagc ctcccatg      300

```

<210> 510
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 510
 tgcaacatca ctgatatcag catcctttaa aatattatct gcttcttggt ctaagagcaa 60
 caaagctggg aattccttat agagttatc acaatgcctc cataatgaat gctgtaggct 120
 gctgtggttt acagacatca aagtaaagga gcagtctttg gaaaatctaa tcaagggaag 180
 gaagatctat gaacctccac ggtatatgag tgtaaaccac gcagcccagc agcttctgga 240
 gattgttcaa aatcaaagaa tacgaggaga agaaccagca gttaccgagg agacactttg 300

<210> 511
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 511
 gtatcacctg agcaaactct ttaaattata cattctgtga tatttccttg actttcttat 60
 ccagcacttg tattgattat ttttcatttt gataatgttg ggtttttaaa aactccttta 120
 tgatggaaaaa tttcaaacat acacaaaagt agagagagaa tggataata aaccactca 180
 gttttaagga ttgtcaacta ataccagttt tatttcattg atgactccaa caactcccc 240
 aaccagcctt cagattattt gaaagcaaat ttcagacatc gtattttact catacatttt 300

<210> 512
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 512
 gggcatgggg ccaggaccag gggagaggca cagctccttc ctgagcagcc tctcaccact 60
 gccacaaggc tccctaattg tggctctctg tccactcccc ggcttcccg gaggcaggag 120
 gcagagccac agccaaggcc ctgaccactt ctgtgccagt tgtctaagca gagcgctca 180
 gggacgctgg aaatgcctta aggatagagg ctgggcatca catcaaatgg gactgtggtg 240
 tttggtgaaa accttctctg ggatctggat tcaggacctt ccatgactgg cctattttact 300

<210> 513
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 513
 cgaataaagc agaaaaggag agatcgctga aggaaaagtc tccgaaagaa gaaaaactga 60
 gactgtacaa agaggagaga aagaagaaat caaaagaccg gccctcaaaa ttagagaaga 120
 agaatgattt aaaagaggac aaaatttcaa aagagaaggg agaagatttt taaagaagat 180
 aaagaaaaaac tcaaaaaaga aaaggtttat aggggaagatt ctgcttttga cgaatattgt 240
 aacaaaaaatc agtttcttga gaatgaagac accaaattta gcctttctga cgatcagcga 300

<210> 514
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)

<223> n = A,T,C or G

<400> 514

agtatgagaa	gggaggatgg	gggagaatct	gattaaaaaa	aatgattcat	tccttcacag	60
acactaacia	acatggctaa	aaagcacatg	tcagaacaca	gaagcctagg	tagatggttg	120
acatttttat	aacttcctta	agtgagtagt	taaaaccagca	gtcttaattc	tgttggtctt	180
ccaagagtgt	ttaattacat	aagtattacc	tgtattcatt	ccccacaact	gttgggtttt	240
tctttctttt	tttttttttt	nnnnnnnnnc	tncnaaaaaa	ancnccccgg		290

<210> 515

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 515

anaaggcgca	ngaagcagaa	gcgcagagcg	aggacgacga	cgaggatata	gaagaggaac	60
agggggaaga	aaaggaaaag	ggagcgaggg	agaaaaggag	ggggaagaga	gtccgttttg	120
cataagatga	agaatagagt	gaaaattcct	cggaggacgg	tgacataacg	gataagagtc	180
tttgtggaag	tggtgaaaag	tacatccac	ctcatgtgag	gcaagctgag	gagacagtgg	240
acttcaagaa	aaagggaagaa	ctagaaaggc	tgaagaaaca	tgtaaaagggt	ctacttaaca	300

<210> 516

<211> 300

<212> DNA

<213> Homo sapiens

<400> 516

gctatctgaa	cacagtggaa	agatgggacc	ctcaggctcg	ccagtgggaat	tttgttgcca	60
ctatgtctac	ccctaggagt	acagtagggtg	tggcagtact	aagtggaaaa	ctttatgcag	120
ttgggtggctg	tgatggaaagt	tcttgtctca	aatcagtaga	atgttttgat	cctcatacta	180
ataagtggac	actgtgtgca	cagatgtcaa	aaaggagagg	tggcgtagga	gtgacgacct	240
ggaatggact	gctgtatgct	atagggggggc	acgatgctcc	cgcacccaac	ttgacttcca	300

<210> 517

<211> 300

<212> DNA

<213> Homo sapiens

<400> 517

ggaaccatga	gaaccgaagc	tagaattgct	attgaattac	tttattttct	cttcccttat	60
tgggttagaga	tacatcatta	ctggcctcag	gggtttaccc	aaagaaaggg	tatttttgag	120
caaataatgt	gatttccttg	ctattttgtt	gggggcttaa	gatttttttt	tttcaaagtc	180
atttttagtc	actaaaaatt	aactgtcgta	ccatctagaa	ctatactgtc	cagtaccata	240
gcctctagcc	gtatgtagct	atttgtatta	agattaattg	aaatttttaa	tccagttcct	300

<210> 518

<211> 214

<212> DNA

<213> Homo sapiens

<400> 518

ctcagacaaa	gaaaccattg	aaattataga	cctagcaaaa	agagatttag	agaagttgaa	60
aagaaaagaa	aagaggaaga	aaaaaagtgt	ggctggtaaa	gaggataata	cagacactga	120
ccaagagaag	aaagaagaaa	agggtgtttc	ggaaagagaa	aacaatgaat	tagaagtgga	180
agaaagtcaa	gaagtgagtg	atcatgagga	tgaa			214

<210> 519
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 519						
agcaattcca	ctcctagctc	cacccacagg	aattgaaagc	aaagacgcaa	acagatgcct	60
gtgcaccaaa	gttcacggca	gcaccccttcg	ccatagtggc	agcatccgtc	gtcacagcgg	120
catcatcctt	catcatagcg	gcagcatccg	tcgtcacagc	ggcagcatcc	ttcgccacag	180
cggcagcatc	tgctgtcaca	gcggcagcat	ccttcgccaa	agcggcagca	tccttcgtca	240
tagcggcagc	atcctttgcc	atagcggcaa	ggaggaaacc	ctgtccatcc	actgaggcgt	300

<210> 520
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 520						
caccgccagg	ccagctgtca	ggaaacaggg	gctctagggc	cagcttcacc	acttaggagc	60
tatggctttg	ttcagaaaca	ttgtgactct	cttaccaca	cattcctctg	ctggaagggg	120
agattgacaa	accagcatca	tctctaattt	actacaaaag	ccctcactgg	aaattattct	180
taacttagca	gctggtagga	tccattaaaa	aaaaaagtaa	gttagactgt	gttactctgc	240
tgctcaaagc	cctgcagtgc	ctcctcattt	tacctagcgt	aaaacctaaa	gtcctttcca	300

<210> 521
 <211> 270
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 521						
cacagttctg	catggctggg	gaggcctcac	aatcatgggtg	gaaggcaagg	aggtgcaaaa	60
gcattgtctc	catagtggca	aggcaggaga	gagcatgtgc	aggggagctc	ccattttataa	120
aaccatcaga	tctcatgaga	cttagtcact	accacgagaa	cagtatgggg	ggaaccatcc	180
ccatgattca	gttatctgca	cctggcccca	cccttgacac	ntgggaatta	ttccaatgcn	240
nggtganatt	tgnntngnna	nntttncnna				270

<210> 522
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 522						
attgaaggca	gagaaggaag	ggaggaggga	atgattcaag	gccaaaatgg	ccacatttag	60
aagatacctc	agatgataac	cattgttatg	tgtgtgcaat	tttatttaac	agtgtgtgtg	120
atgtgggtgga	caagttatat	gaaatatcta	gtctttctag	atatttgga	gtgtttgatg	180
tattttaaaag	tggtagtaga	ataacacttt	gtaaatagct	tttaaaaact	gatgggaaat	240

gctgttttggga agtggaattg ttgaaccacc tgggaggtgg gaggggaagaa attgcaaattg 300

<210> 523
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 523
 tgaagaatgg cgtgggttgg ttcttttcaa atgcacttga gcagcgggtct ccaaccacag 60
 ggccacagag ctggaggtga gcagcaggcg agtgaaggga aacttcatct gtatttctag 120
 cccctcccat cgcttgcattg accacctgag ctccatgtcc tgtcagatca gcagcagcat 180
 tagattctca caggagcaca aactctgttg tgaagtgtgc atgcgaggga tctaggttgt 240
 gtactcctta tgagaatcta atgcctgata ttctgttact gtctcccatc accccagatg 300

<210> 524
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 524
 caagaagagt tttctgttca gtttgggaaca agattttgag aagacattta ggatgtacta 60
 gtttgagttt ttaaattgtat atttgagata ttttctcaac tttctctttg ggtctgtagc 120
 taaaatatgc agtataatgt tatattttatt tatttttttaa gagatgggggt ctagctattt 180
 tgcccaggca gactcaaatt cctgggctca agtgatcctc tgccttggcc tcctgagtag 240
 ctgggactta cagacatgtg ccaccaaacc tagtggctat ataattttta aaaatattct 300

<210> 525
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 525
 gccacacggg cccgcacatc ccttgcaatc tggttccgct acgacctcag ccccatcacg 60
 gtcaagtaca cagagagacg gcagccgctg tacagattca tcaccacgat ctgtgccatc 120
 attggcggga ccttcacogt cgcgggcacg ctggactcat gcatcttcac agcctctgag 180
 gcctggaaga agatccagct gggcaagatg cattgacgcc acaccagacc taatggccga 240
 ggaccctggg catcgccagc cttgcctcca gtgcctgtc tcctttggcc ctcaatctgg 300

<210> 526
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 526
 ttccctccct cctcctttca ttctccttct ctcctttctc ctcccttttc tctacctcc 60
 tttgactaag cctccctccc ctactccctc ctttccctcc ttccttcctt cttctctatc 120
 aatataatca ctttgtttct ttcaggtgag atcggaactg aactgttcgg ctgcgaccag 180
 aaattttatt tcctgagtaa attgcgaga attaagaatg aagagggcca tttgcatctc 240
 cttaaattat tcagttacct gctttattgc tccatgtgga aaacttaaaa ttgttaagtt 300

<210> 527
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 527

atccagagaa	atgatgtgcc	ttgtgtaaag	ttgtggttag	gaagggacag	agccaggact	60
ctaaattctg	tcttcgggcc	ataattccaa	aactttctcc	aatgttaggt	atgtaggcta	120
aaatgtgcta	acagcacttg	tgtttttgg	tctttttggt	ttacttttta	ttatggcaaa	180
tttcaaacat	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcatgccagt	240
tcaaacatga	atacatgggc	aaccttgtat	cacttaaact	cttgacacac	agccctgccc	300

<210> 528
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (296)
 <223> n = A,T,C or G

gtaagttatt	tgtaagtta	gaaccctcag	tgcatgggtct	agggatctct	ggagggtcccc	60
aggacccttt	cagagaagcc	atgaggtcaa	aactgttttc	ataagcagaa	ccaaaacatt	120
atgtgacttt	ttcaatgcat	tggcatttgc	attgatggta	caaaagcaag	gatgagtaaa	180
atggnnnnnt	ncttagcgng	atcaagatgg	naanaantgc	acnaganaac	nntgtntnct	240
tnnctgcann	gngcntttta	agactnccna	ttcnaantaa	ganancannn	acggcc	296

<210> 529
 <211> 300
 <212> DNA
 <213> Homo sapiens

aaaacactat	ttacctat	tccaaggaag	gaagtattga	gattgacatt	ccagtcccca	60
aatacttata	ttctgtgagc	tcacaagaaa	ctcagggcgg	ccccttagct	cctatgactg	120
gaaccattga	aaaggtgttt	gtcaaagctg	gagacaaagt	gaaagcgagg	gattccctca	180
tggttatgat	cgccatgaag	atggagcata	ccataaagtc	tccaaaggat	ggcacagtaa	240
agaaagtgtt	ctacagagaa	ggtgctcagg	ccaacagaca	cactccttta	gtcaggtttg	300

<210> 530
 <211> 300
 <212> DNA
 <213> Homo sapiens

aacaggaata	tggaagaaa	ctcagagccg	agttagtggg	aaagtggaaa	gcagagagag	60
aggctcggct	ggcaagagga	gaaaaggaag	aggaggagga	agaggaggaa	gagatcaaca	120
tctatgcagt	caccgaggag	gagtcggacg	aggaaaggcag	ccaggagaaa	ggaggggacg	180
acagccagca	gaagttcatt	gtcacagtc	ctgttccctc	gcagcaagag	attgaggagg	240
cactggtgcg	aagggaagaa	atggaactcc	tccagaagta	tgcaagcgag	accctgcagg	300

<210> 531
 <211> 300
 <212> DNA
 <213> Homo sapiens

cttagattct	acctgtaaca	ttttataaaa	cttgctttat	aacacagata	tctatcaatc	60
tcatctttta	atttaatttt	ttttttgcaa	cagagcaaaa	cccagtctcc	aaaaaaaaaga	120
aaaaggaaaa	agaaatgtat	ttaaattatc	catgctttta	gctattttact	tatgagcctt	180

tataacagat	tcttcatagt	ctgccttcta	tactcccagg	gtgatggctt	ggggaagggg	240
gagctaggac	ctgtctttcc	tttggcttta	tcaccacctc	ttccaggggc	tgctccttcc	300

<210> 532
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 532						
aatagtagaa	agggtcccca	ttcctgctca	gcaccgcacc	tctctacccc	cccacagaca	60
cacatgcaga	cacacacatg	cagacaacac	gcagacacac	acatgcaggc	actcacatgc	120
aggcccatgc	acacacacgt	gcacacacat	gcagagacat	gcagacacgc	aggcacacat	180
gcacacatgc	aaagacacgc	atgcaggcac	acgcagacgc	acacagagac	acacatgcag	240
atacacatgc	acacacacat	acacacactg	gccccgtgtt	ttctgtgggtg	tcactgggtg	300

<210> 533
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 533						
gattttacgg	tttttgatgg	gattattcaa	gtgtcagaat	taactgttca	aaatgttctg	60
aatcatgtag	atacatggca	ggtaactggt	tatgggagaa	aagtacagtg	ctgttacgtg	120
gcactgtaca	gtcatgtgcc	acgtaacagc	gtctgggtca	gtgacggaca	cttacctgac	180
agcggatcca	caatattctc	gtgcagtgtg	tttggaatcc	tggtctgggc	tctcgctggt	240
ggccttgtag	atcaagtagg	ggaagtgagt	gatgttcagt	catgctgctg	ggacacttgg	300

<210> 534
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 534						
gcctggccta	aatgaagtac	cacatgaccg	accgaccgac	ctggggaaca	tagcaagacc	60
ccatctctac	aaaaatgtaa	aaaataaaaa	ttagccgggt	gtagtggtac	atgcctgtaa	120
tcctagatac	tcgggaggct	aaggcagaag	gatcacttga	gccaggagt	tcgaggctac	180
agtgaagctg	gatcgtgcca	ctgcactcca	tcctgggtgg	cagagtgagg	ccctgtctca	240
aaataaataa	tccagtcccc	cccaagaaag	gaatgaagtg	ctataatgag	aaaaatccta	300

<210> 535
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 535						
tggacggcag	agcccaagtt	tcaagctttc	cctgtccagt	ggaacgaaga	ctaacctcac	60
cagccagtc	tctacaacaa	atctgcctgg	ttctccggga	tcacctggat	ccccaggatc	120
tcaggctct	cctggatccg	tacctaaaaa	tacatctcag	acggcagcta	ttactacaaa	180
gggaggcctc	gtgggtctgg	tagattatcc	tgatgatgat	gaagatgatg	atgaggatga	240
agataaggaa	gatacggttac	cattgtcaaa	gaaagcaaaa	tttgattcat	aataatggca	300

<210> 536
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 536

agtgcacgca	gccccagccc	acgggcgact	gacagctctg	caggagagat	ttcaacacca	60
ttccacactg	tccaggcctt	aactgagagg	gacagaagac	gctggaagga	gagaaggaag	120
cgggaagtgt	gcttctcagg	gaggaaaccg	gcttgccagc	aagtagattc	ttacgaactc	180
caacttgcaa	ttcagggggc	atgtcccagt	gttttttttg	ttgttttttag	atactaaatc	240
gtcccttctc	cagtcttgat	tactgtacac	agtagcttta	gatggcgtgg	acgtgaataa	300

<210> 537

<211> 267

<212> DNA

<213> Homo sapiens

<400> 537

tttacatttt	gtttgaatca	ggatccaaat	aaggtttaaa	tattgcaatt	tgattaatac	60
attaagattc	ttttaaatcta	taagtctctg	ctccatctgt	catttttattt	ttatcccttg	120
aaattttattt	attgaagaaa	ctatatcctt	tgctttgtaa	aattttccac	agtgtggctg	180
gctttggctg	attgctagcg	tcatttgcta	tttatttttg	tctgttatct	tggatctggc	240
gccttgatca	gatttaagtt	gatttttt				267

<210> 538

<211> 300

<212> DNA

<213> Homo sapiens

<400> 538

ggtttttgat	gggattattc	aagtgtcaga	attaactgtt	caaaatgttc	tgaatcatgt	60
agatacatgg	caggtaactg	tttatgggag	aaaagtacag	tgctgttacg	tggcactgta	120
cagtcattgt	ccacgtaaca	gcgtctgggt	cagtgcagga	cacttacctg	acagcggatc	180
cacaatatcc	tcgtgcagtg	tgtttggaat	cctgggtggg	gctctcgctg	ttggccttgt	240
agatcaagta	ggggaagtga	gtgatgttca	gtcacgctgc	tgggacactt	ggattttccag	300

<210> 539

<211> 300

<212> DNA

<213> Homo sapiens

<400> 539

accagaagga	agaaggatta	ctaaattaga	tcagattttg	ctaaatggaa	ataatataac	60
aatgctgggt	cctggaggag	aaggacctga	agtgtgaatg	agtttccttg	acttacacta	120
gattttgttt	tggtttataa	tgacaagaaa	atggaatttt	ttttccctct	ttctaattgt	180
taaatcccat	aaagctaagt	ttcccgttaa	aggggaagtgc	tttgaagatg	tgtacccatt	240
tttgtaagtt	aatcatgatt	atcctggaaa	aagaagaaaa	gagcttcttc	tttgcagaga	300

<210> 540

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (297)

<223> n = A,T,C or G

<400> 540

gnnctataga	atacaagcta	cttggtcttt	ttgcnnganc	ccatcgantc	ggaattatag	60
tattgacgtg	aatcccactg	tggtatagat	tcataatat	gcttgaatat	natgatattg	120

ccattttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tctgtttatg	gaaaaaagtg	caactgaattt	attagacaaa	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcatatttgg	gctattg	297

<210> 541
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 541						
aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcat	60
gagatcatgt	acaaactgga	agtgtctctat	gtcctctgcg	tgctgctgat	ggggcgtcag	120
cgaaaccagg	ttcacagaat	gattgcagag	ttcaagctga	tccctggact	taataatttg	180
tttgacaaac	tgatttggag	gaagcattca	gcctctgccc	ttgtctctca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatccct	tgaagatata	gtttttgagg	cttcttcaga	300

<210> 542
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 542						
gactgtgtgt	gctgggtgtg	gtgtgagttc	tacgttttcta	ccatatgtga	tcagtttaat	60
agtaacttta	tttattttaa	aaaaagaaac	acaattagtt	actgttaaac	tgataaagg	120
tgtttatttt	taccttttag	aattggctct	atgaagaagt	agaaagtgag	tcatgcacta	180
gacagtgggc	ctagctcatc	agtggctaaa	gttgaaaagg	ggttggtttc	ctgtatatat	240
atgtatgtat	atacacacgt	acatacatcc	atatatatata	atatatacat	aatgtgctta	300

<210> 543
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 543						
ccagagctgg	cagaagaaaa	cagtaaagct	tagagtagaa	ataaatgaaa	taaagaacag	60
agaaatatag	aaaatcaaaa	ataccaaaag	ttggctcttt	gaaaagatca	acaaaattgc	120
caaccctttt	aagtagacaa	gaaagaatga	attgttggtg	gtgcagtggg	gagcatagct	180
gcttttcaag	aacaaaaaag	actcaaatga	ctaaaaatcaa	gaatgatcaa	gaatgagaga	240
gtagacatta	ctacagatct	tacagaaatg	aaaggattat	taatgagtac	tgtgaacagt	300

<210> 544
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 544						
gtctctgcaa	aagacccctc	cgacccgagt	gttcgtggaa	ctggttccct	gggctgaccg	60
gagccggggg	aacaacctgg	cctcagggag	agagacgcta	ccgggcttac	gccacccctt	120
ctcctcaaca	caagcccaaa	ctgctacccg	cgaggtgcaa	gtaagcggca	cctcagaagt	180
gtctgcgggc	cctgaccggg	cgcaggtggg	ggcgaggtg	agcagcacca	aggaggcggc	240
agccgaggcc	aaaaagagcg	tttgtcgccg	tctagattac	atcacgcaga	gcctccagca	300

<210> 545
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 545

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgctgc	atttaaataca	agtgcagtgc	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagatttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacggggccg	240
ttccatggac	atagatgact	tcattcagatt	gctacatgga	ttcaacgcag	aagggtattca	300

<210> 546

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 546

gaaaggacag	tgctacttgt	atatgaaggt	tatagaacga	gcggtttttc	ctcggcgtct	60
ctgggaacgg	gtccggctta	gtaaaaacta	tgagaaagca	ctggagcaaa	tagatgaaaa	120
tctgatttac	tggcccgtt	tcattcgaca	caaattgtaag	cagagattca	ccaagatcac	180
ccaataccta	attcgaatta	caaaacttac	actaaagcga	cagaggaaac	ttgttccttt	240
gagtaacgaa	ggtggagcgt	agannnnnnn	nganganang	aaaaggcctt	nttagctg	298

<210> 547

<211> 300

<212> DNA

<213> Homo sapiens

<400> 547

agtaaatgat	aattgtgcca	ctgcattctc	acctgggtgg	gtgacaaagc	aagaccctgt	60
ctccaaatat	atgtatgtat	gtgtatatat	atatatgcac	acacacacac	atatacacac	120
atatatatat	tctgaatata	tatattcgtg	actccccgaa	ataaattcag	tttatatata	180
tgtaaaataa	ttctgaagac	tctacatgtg	tgtgtatata	tacacatata	tttttgtatt	240
aacgttaata	gtaatatata	catgagttca	gggtatttagc	cagttctgtc	tttcgggatg	300

<210> 548

<211> 300

<212> DNA

<213> Homo sapiens

<400> 548

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatggt	gacctgagga	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaatgttct	gcacaaaaat	acattgacta	tttgatgact	tgggttcaag	300

<210> 549

<211> 300

<212> DNA

<213> Homo sapiens

<400> 549

tctccttgcc	tttctcctga	aaggatatgag	actacttgcc	ttactgtcat	attattgagg	60
gaatcagcgc	aaagcctgag	gaaatgaaca	gtagctgtgg	gtcaaagcca	tgtctccagg	120

```

ttcacggctc actccccag gacaagccta gttaggtagt ggctgcatct ggtatccctg      180
ggacagaaat gcaggtgaga ggggggtatca agaatgcctc gagcctctag aactatagtg      240
agtcgtatta cgtagatcca gacatgataa gatacattga tgagtttggg caaaccacaa      300

```

```

<210> 550
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 550
gaaccaagaa aatattttaa aatctaagca gtcctttgct cattaaagga taaatcagta      60
gttaacactt tttctacaaa gaaatgggtg gcctggatgg tcgtgtaggt gagttttacc      120
aaggattatg gtaacaaatg agtgagacct ctatggagaa aatattgaag gacattaaag      180
aagacctcat aaatggagag agatatatca ttaatggata ggaagcctca atggcataag      240
tatgtcagtt tctttcaaaa ctcacctatg gattcaatgt gattccaaac caaatcccaa      300

```

```

<210> 551
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 551
gctacttggt ctttttgcag gatcccatcg attcgaattc ggcacgaggt caagcctgta      60
atcccaacac tttgggagac cgaggtgggg gtatcgattg agcctcggag gtcgagatca      120
gctgggaaa cacagggagg ccccatcgcc taaaaaatat tttaaaaatt agccaggtgt      180
gggtggcttg gcttgttgct cgggctactt gggaggctga agtgggaggg tggcttgagt      240
ccaggagttc actgcactga gctgtgatca caccactgca ctccagcctg gacgacagag      300

```

```

<210> 552
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 552
cgcaaactgg ctaatctctg ntananaact atgatntncc ccatnatggt gatannaggg      60
nccttagggg gnanatngna aaaaacctnt gaccnangcn cnnatganc aangnnttgn      120
tactccacgt gtaatgcntc ncaaacnttg ncntatngct ctgaanacnc tncgcgacca      180
ngaanaatan anaagannct gnanannatg ctanantttt ggcenanaa atgaacgagg      240
ctaaagagat tcncctggan cnaannntg aatagantca tactttcctn tctgctagct      300

```

```

<210> 553
<211> 297
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (297)
<223> n = A,T,C or G

```

```

<400> 553

```

aggaagttga	agctgcaatg	ggctatgac	gtgccactgc	accccagctt	gggccacaga	60
gcaagagcct	gtctcaggaa	aannnnnnnn	naaaantcca	aaantanttn	gnangttcca	120
aattgcnnge	cnttctgana	aangnaatac	ganenaatct	tcacacntcn	tactcctcc	180
cacctaana	gngaaccctn	tttgnccann	ggntccaaa	ngnatnngct	acttgngngt	240
tagnaatcaa	ccanngatan	cagggnanct	tttaacgnag	gagtgccttn	ntgggta	297

<210> 554
 <211> 300
 <212> DNA
 <213> Homo sapiens

ttattcaagt	gtcagaatta	actgttcaaa	atgtttctgaa	tcattgtagat	acatggcagg	60
taactgttta	tgggagaaaa	gtacagtgtc	gttacgtggc	actgtacagt	catgtgccac	120
gtaacagcgt	ctgggtcagt	gacggacact	tacctgacag	cggatccaca	atattctcgt	180
gcagtgtgtt	tggaaatcctg	gtctgggctc	tcgtcgttgg	ccttgtagat	caagtagggg	240
aagttagtga	tgttcagtca	tgctgctggg	acacttggtt	atccagatga	aaacacataa	300

<210> 555
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(273)
 <223> n = A,T,C or G

ctctatcttg	tttattgttg	atgccatctt	agaggaaaaa	atgtaaagg	aagtaattaa	60
gcatatgaca	gcaacaaata	agatacttat	aacctaatgg	gactttattt	tgtagtttta	120
tgtattacaa	aaaatccacc	tttctctaag	ggaagtttgt	acccattga	ttcttggtgc	180
ctttgggtag	gactgggttt	taatggccta	gttatttgag	gattttgctg	ngntgtnnnc	240
atggncntn	ngatnnccct	nganganann	nnc			273

<210> 556
 <211> 300
 <212> DNA
 <213> Homo sapiens

gtgccatctt	gctatgtttc	ccaggctggg	tttgaactcc	cagcctcaag	caatcctccc	60
tttccgcctc	agcctcccaa	gtggctgggg	ttatgggcct	gagccactac	acagctaaga	120
gtgtcttgta	tgtgctaata	agatggctgg	tgtctgagag	cccctagaga	gcttcaagat	180
gggggctagt	ctttagaaaag	tccaagcaat	ggctagggtat	ggtggccact	gcctgtaatc	240
ccaggagttt	gggaggccaa	ggtggacaga	tcacctagga	gtttgagacc	agcctggcca	300

<210> 557
 <211> 300
 <212> DNA
 <213> Homo sapiens

ttctcagata	cctgatggat	ccagacacat	tcactttcaa	ctttaataat	gaccctttgg	60
tccttcgacg	gcgcagacc	tacttggtgt	atgaggtgga	gcgcctggac	aatggcacct	120
gggtcctgat	ggaccagcac	atgggctttc	tatgcaacga	ggctaagaat	cttctctgtg	180

gcttttacgg cgcgatcg gagctgctt tcttggaact ggttccttct ttgcagttgg 240
 acccggccca gatctacagg gtcacttggt tcctctcttg gagcccttgc ttctcttggg 300

<210> 558
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 558
 gtactccagg ttgtgtttgt gaatcaagat gaacagcccg ttcaaggcca agaggctgag 60
 ggcccccccg aggtcgagg cgcgggtgag gaagtcgatc atgagcgtgg gctgcgccag 120
 ctgcggcagg atggcgatc gcacaatcag cagcaccttc ttgtagaggc tgaggggcag 180
 cttgtgcttg aggaagctga gccacatggc ctggaaaacc ctctgtgct ccttcagggtg 240
 agcaacctct cgtgccgaat tcgaatcgat gggatcctgc aaaaagaaca agtagcttgt 300

<210> 559
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 559
 gaaaacatct aactaagatg gtttcactgg tgaattcaat caaatattta aggaacacat 60
 aataccaaaa ccataacaca tacaatatata tggcccttca gattttgtac ttctttttgt 120
 gtcagtgtta ataatacgtg tctttcaaag aatatcccc ttttttttg gtagagatag 180
 ggttttgcca tgttggttgg agcaagccct aacctgtca taaacaggcc ttaaataaac 240
 tggccataaa caggatttct gcagcaatgg gacatgctca tgatggctgt catgcacact 300

<210> 560
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 560
 acactgtccc actccatcac ccaggctgga gtccagtggg gtgatcatag ctgctgcat 60
 cctccagttc ctgggttcaa gccatccctc ctgctcagc ctcccagta gctggaacta 120
 cagggtgttg ccatcacacc tggctttaca ttttctgtg gggctctact atgttgcca 180
 ggccggtctc aaactcctga gctcaagtga tctctgctc cagcctccag agtatctggg 240
 attacatatg tcggctaccg tgtctggccg ttcacatctt tggccactat ttgcttgtga 300

<210> 561
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 561
 aatgagaaa aaggaggaat ctgaagcctt gggtaaggat ttggggcaca gtaccaggag 60
 gggggcttgg tgccagacct catgaggaag aaggattttc ctatgtacag agaaggggac 120
 cctgtcctgt tgggaggtgc tgtgcaaacc taaccaagtt actaaccctc ctgttttatg 180
 tgctacacaa aggggataaa tacaagcttc cctctctagc caattctatt tggctcctga 240
 gtttggaataa gtgatagata ctgattttct atgattttat gaggacttaa ataagctcct 300

<210> 562
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 562

ggaggacgag	gaggaggacg	acgaagagga	ggaggaggaa	aaggaggtgg	aggagcagca	60
gcagcagctg	cagcagctaa	tatgttgtac	ttattctgtg	ctgggcaaaa	ttctggatat	120
ttttcatgta	ctatttaagc	ctcacaaaaa	tcttatgata	taggaaatgc	ttgtttccat	180
ttggcacatg	aagaaactga	agaacagaga	aatgatgaaa	cttgcgagg	gtagtctgtc	240
cagagtctgt	attttaacta	ctgctgtgtt	gcctccatt	gcatagtgc	ttcacgtgta	300

<210> 563

<211> 300

<212> DNA

<213> Homo sapiens

<400> 563

gcctattcag	ttcctggtaa	gggctgtctt	cctggcttgc	agttgaacta	cttcttctgt	60
tgtcttcaca	agcatgcccc	catcctgtgc	cgataagaac	tccagacccc	aaactcagct	120
catacacaca	cggaagagag	aagcatctga	acatcaagaa	gagaagaagc	tgctggacat	180
cagaaactgt	gaaaggagag	gagtttggct	gagctccagg	ggaagactgc	ctgcacattc	240
tatccccctt	tcagttcccc	atcctgctgt	cagccacatt	taccactcaa	taaaatcttc	300

<210> 564

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (299)

<223> n = A,T,C or G

<400> 564

gagaagccaa	gggagaggag	gaggaggaaa	ctaacgattc	cctgcccacc	cccacaccca	60
gcaccaccaa	caggtgggca	agcttgccga	gaaaacgcag	agggcatcct	gtgagcagca	120
aacactctga	gnnnnnnnna	gacgcagaga	agtaaagatc	aaagcgctac	tncangatcc	180
cgtaccagac	tcaagccatg	gctggtcctt	tctccgtctg	ctgtccgccc	gcccggactc	240
agcttctggt	tttggccgag	cggtgtctac	ccgtgggttt	ctgctccgac	ggaacctgt	299

<210> 565

<211> 300

<212> DNA

<213> Homo sapiens

<400> 565

cttgagccca	ggagttcaag	tccaacttgg	gcaacatgac	aagacccttg	tctctttaa	60
aaagcaactc	aaaccatgtc	ttgaaaagct	atttaatggt	cagacacgat	ggctcacgcc	120
tgtaatccca	gcactttggg	aggccgaggc	aggcggatca	cttgaggtca	ggagttcaag	180
accagcctgg	ccaacatggc	aaaaccagct	ctctactgaa	tgaaaataca	aaaattagct	240
ggcctagcag	ttggtggtgg	caggtgcctg	tagtcccagc	tacttgggag	gctgaggcag	300

<210> 566

<211> 300

<212> DNA

<213> Homo sapiens

<400> 566

attttgcctc	ccttgctcta	gagagagtat	caaggcccag	ggggccaccg	gcgaggtgta	60
ttgccccagc	ggagagaaat	gccccctagt	cggttcgaat	gtaccttggg	ccttcatgca	120


```

gggcgaaatc ggcactatct tagctgggga tgttaaagtg aaaaaggaga gagacccttg      180
aaccactggg cagccacctc ctttgccta gaccagctcc tctccaatcc tgaggggcccc      240
cccccaacc caactcgacc ctccctcccc tcacccccaa ggtgtagaat tgtgaatata      300

```

```

<210> 567
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 567
tcaagtgtca gaattaactg ttcaaaatgt tctgaatcat gtagatacat ggcaggtaac      60
tgtttatggg agaaaagtac agtgctgtta cgtggcactg tacagtcatt tgccacgtaa      120
cagcgtctgg gtcagtgcag gacacttacc tgacagcgga tccacaatat tctcgtgcag      180
tgtgtttgga atcctgggtc gggctctcgt cgttggcctt gtagatcaag taggggaagt      240
gagtgatgtt cagtcattgt gctgggacac ttggttttcc agatgaaaac acataaataa      300

```

```

<210> 568
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 568
gctcttggtc ttnttgcagg atccntcgat tctttaaagg aaaaccagca aataacaaga      60
aaaccattta atgtaaagat ttgtaaataa tcaactcaaa agaagtgcct tgttgctgtc      120
acatttagtc catcttcata taattcttat ctggggccagt ttcttgggca tgggacatgt      180
gcagttacac aagcctgtgc tcttaagagg gtcttaccce tagtttaaat ttctgctgtt      240
gtagtcttga aattcttaat gatttaacaa ggggtcctcc attttcattt tgcactgggc      300

```

```

<210> 569
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 569
aagcagcttg gggtcactc cccctccacc ttgctgacca cctcatgtt cttaataacc      60
aagtacttcc tattgaagac agtggaccag cacatgaagc tggccttctc caaggctctg      120
cgacagacaa agaagaacct ctctaattcc aaggataaaa gcacgagtat ccggtacttg      180
aaggcccttg gaatacacca gactggccag aaagttacag atgacatgta tgcagaacag      240
acggaaaatc cagagaatcc attgagatgt cccatcaagc tctatgattt ctacctcttc      300

```

```

<210> 570
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 570
cccaggatga actggttgca gtggtgctg ctgctgcggg ggcgctgaga ggacacgagc      60
tctatgcctt tccggtgct catcccgctc ggctcctgt gtgcgctgct gcctcagcac      120
catggtgcgc caggtcccg cggctccgag ccagatcccg cccactacag ggagcgagtc      180
aaggccatgt tctaccacgc ctacgacagc tacctggaga atgcctttcc cttegatgag      240
ctgcgacctc tcacctgtga cgggcacgac acctggggca gtttttctct gactctaatt      300

```

<210> 571
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 571
 gttgctttca aaagacacat atcaccatag tacatgtaat aacacacata ggctcaaagt 60
 aaaggggtgg cgaaagatct gttatgcaga tggaaaaaaa gatcaggggt cactattctt 120
 gtatcagata aaacagactt tttaaataca caacagtaga aaaaggacta gggcattaca 180
 taatgaagaa gggttcaatt caacaagatt tatectatac acaccaaga ttggagcact 240
 cagatctcta aaactattat ttctagacct aggaaaagaa ttaaaccggc acataataat 300

<210> 572
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 572
 gaaagaccga gatagagaga gagacagaga cagagagcga gaccgtgatc gggacagaga 60
 aagagaacgc accagagaga gagagaggga gcgtgatcac agtcctacac caagtgtttt 120
 caacagcgat gaagaacgat acagatacag ggaatatgca gaaagagggt atgagcgtca 180
 cagagcaagt cgagaaaaag aagaacgaca tagagaaaaga cgacacaggg agaaagagga 240
 aaccagacat aagtccttct gaagtaatag tagacgtcgc catgaaagtg aagaaggaga 300

<210> 573
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 573
 ggctgcgagg ttttcggctt tggctcctga tatgcagcga cagaattttc ggcccccaac 60
 tcttccttac cctggtcggt gtggaggagg ttggggtagc ggaagcagct tccggggaac 120
 cccgggaggg ggcggaccac tgccgacctc tnnnnnnnnn nggnacggna ntacnaataa 180
 cncnccaccg tacgcgccct natennggnc ntaccgtnc aggtgctnnn naagntncac 240
 caggccctaa ccgggggttct ggngancnc aatggccctg aangacgccg ncnagcaccg 300

<210> 574
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 574
 agattatgag catgtagaag atgaaacttt tcttcctttc ccacctccag cctctccaga 60
 gagacaagat ggtgaaggaa ctgagcctga tgaagagtca ggaaatggag cacctgttcc 120
 tgtacctcca aagagaacag ttaaaagaaa tatacccaag ctggatgctc agagattaat 180
 ttcagagaga ggacttccag ccttaaggca tgtatttgat aaggcaaaat tcaaaggtaa 240
 aggtcatgag gctgaagact tgaagatgct aatcagacac atggagcact gggcacatag 300

<210> 575
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 575

gtccgaagaa	aaagactgtg	gtggcggaga	tgetctctcc	aatggcatca	agaaacacag	60
aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcatectcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcca	gttatattta	atgagcctct	180
gagcttccta	cagcgccata	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gatactgtgg	aaaggatgca	gtgtgtagct	gcgtttgctg	tatctgctgt	300

<210> 576

<211> 300

<212> DNA

<213> Homo sapiens

<400> 576

aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttggggaga	agctgagtca	gacccacatc	cctcccaccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccttgcccc	ttccgagtgg	ccatctatgt	300

<210> 577

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 577

actcgagacg	ctgaggcagg	agaatcgctt	gaacccggga	ggcggagggt	gtagttagct	60
gagatcgctg	cactgcaccc	cagcttgggc	aacagagcaa	aactctgtct	ttaaaaaaaa	120
annnnnnnnn	nnnnnaacaa	acaancaaaa	aaaaccttat	atggncctgg	ctgggcgtgg	180
ngccttatgc	ccacaatccc	agcnttttgg	naggccagga	tgggaggatn	acttganccc	240
anaantttga	naccagcctg	ggctacana	tanggcccn	tntntacaaa	aaaaccttaa	300

<210> 578

<211> 300

<212> DNA

<213> Homo sapiens

<400> 578

ggtagactgg	ctagggatcc	tggacccagg	gttccacgta	gcaacacctg	ctgagttctc	60
tgggttttct	tcctgcctca	tgtagcccag	acttggagct	gaagaagctg	gaaacatgga	120
aacaccaaca	gctacagacc	aaaaaaagtc	ccaacaaagg	cctgtcagtc	tgccagcctg	180
ttctgtggat	ttccaactca	agattgcagc	atcaactcac	acctgaagtt	ctggcttccc	240
tacaaacttt	gaacttgcca	gtccccacaa	tggcataagc	caattcctta	aaatgaatgt	300

<210> 579

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 579

ggcagacccat	ccacatcagt	ttcagagaaa	aacaataatc	ttgtttgtgc	cgtgatgaag	60
aggactgaca	gctagcagca	gaaacaatag	tcacggaggt	tgagaacagg	ctgggtaaca	120
tggtgaaatg	ccatctctat	taagaatata	aaaatttagct	aggtatgggc	gcagacacct	180
gtaatcccag	ctccttgga	ggctgaggtg	nnnnnnnnnn	ttgaaccenn	gaggnggnag	240
ctgctgtnnn	cnngactcgn	nataatnactg	cacctgggng	actgcagtga	anctttatct	300

<210> 580
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 580

atacactgca	tttgctgggtg	ctgtttttat	atagtgaagc	aacagctgta	cagcaaaata	60
ataaaatact	cacttcttcg	ttaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcaggtg	ccagcatctg	ggaagggcct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaaggg	agagctaaca	tgctcccgcga	aacccttttt	ataatggcat	240
caatcaaata	tgaggccaga	gtccttggtga	cctaatacgc	tcccaaaagg	ctccgcctcc	300

<210> 581
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 581

gtcctaagc	cgctgaagca	aaaaccatga	taaaacattc	tgctttcttt	tcttttacaa	60
ccccacgaac	gcaaaaaaaa	aaaaaaccaa	aaccaaacca	aaaaaaaaaa	nnnnnnnnnn	120
nnnnnnnnnt	nttngnngna	aaaanggggt	ttgnncnngg	nannaaccan	tnnaantnna	180
aanntnncaa	anaggggttna	nctttntnnc	tnancttttn	aaaangttna	tnnnaatnnc	240
cngnnaaanc	cancnnggtn	tngccntnna	aaggtnacct	aaa		283

<210> 582
 <211> 283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(283)
 <223> n = A,T,C or G

<400> 582

cccaacnata	gccttttcna	nnnttaaagg	tttttgnant	netgggcent	ncngacgtna	60
nnctnancn	nttttttaag	cnggtttgcc	nngggnneng	gtggnnnnntn	nggggtnttt	120
ggttnctggg	ggcnanancn	acttncctnc	cccgggccat	ncntnnnnnn	nnntgtagga	180
aagttcttca	ctttttcttc	tgagggctgg	gggttggggg	agtcagcatg	attatatattt	240
aatgtagaaa	atgtgacatc	tgatataaaa	atgaaaataa	atg		283

<210> 583
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 583
 gtcgtcttta atttgtctca tcagtgcctc catgtgtttt tgatgccttt gaactgggtat 60
 ttttaaaatt tcaatttcta attgttcatt atagaaacac aattgggttt tatatatagg 120
 cattgtatatt tgcaactttc ctaaactcac tagtaattct agtagctttt tttggtagat 180
 tcttaaggat tttctgtgta aatagtcatt tcatttgtga ataaagccat tttttttccc 240
 ttttcaaatt ttgtgccttt tatttcttat tcttaccata tcacattggc aaagacctcc 300

<210> 584
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 584
 aaaatggaga agccaaaatt acagaggcac cagcttctga aaaagaaatt gtggaagtaa 60
 aagaagaaaa tattgaagat gccacagaaa agggaggaga aaagaaagaa gcagtggcag 120
 cagaagtaaa aaatgaagaa gaagatcaga aagaagatga agaagatcaa aacgaagaga 180
 aagggggaagc tggaaaagaa gacaaagatg aaaaagggga agaagatgga aaagaggata 240
 aaaatggaaa tgagaaagga gaagatgcaa aagagaaaga agatgaaaaa aaggtaagac 300

<210> 585
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 585
 gtccagaaat actctgatac tagctatggc cagcaacatt taatgaaaac ccttatgtta 60
 aaaataaacc cctgcctcct ggcttcaagc gattctcctg cctcagcctc ctgagtagct 120
 gggagtatat gcacgtacca ccacaccag ctaatttttt gtatttttac tagagatggg 180
 ttccacagtg ttagccagga tggtttcgat ctccctgacct catgatccga ccgcctaggc 240
 ctcccagagt gctgagatta caggcgtgag tcaactgtgc cggcctcnnn atgttaggaa 300

<210> 586
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 586
 caagggcctc tggatggaat gtgccacaca cagcacaggc atcaccagc gtgacatcta 60
 tagcaccctt ctgggcctgc ccgctgacat ccaggctgcc caggccatga tggtagatc 120
 cagtgcacac tctccctgg cctacttctc aagcttcctt ccaaagaaaac tgattggccc 180
 tggaaacctc atccactct tgttatgact ccacagtgtc cagactaatt tgtgcatgaa 240
 ctgaaataaa accatcctac ggtatccagg gaacagaaaag caggatgcag gatggaggac 300

<210> 587
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 587

ggactaactt	acagaggagc	tgtgtatcct	gaagattcag	cgactggcaa	ggaatttccct	60
tgggagcaat	gtgtgagggg	ggccatctga	ggagatctgt	ggctttcttt	tgtgtggga	120
atctggetta	tggatgaatc	tacgacacag	gatttgtgaaa	ttacagctct	ttgggaacaa	180
aaggaaggca	gtattgcatg	acttagtttc	ccagcttcac	ttccctttg	gcattggtgag	240
tttggggctc	tgagagtcta	ttttctttca	cacccatcag	cactgttaag	taagcaggaa	300

<210> 588

<211> 300

<212> DNA

<213> Homo sapiens

<400> 588

aaaaacctg	gtatgtatct	agaagtggaa	aaacaaaaaa	aggaaataag	ttatgaaaat	60
aaaaaccatg	tcttgagctg	ggtgcgctgg	tgtgtgccta	tatccctaga	ttctcaagag	120
gttgagacag	gaggatcact	tgagcccagg	agttcaagtc	caacttgggc	aacatgacaa	180
gacccttgct	tctttaaaaa	agcaactcaa	accatgtctt	gaaaagctat	ttaatgggtca	240
gacacgatgg	ctcagcctg	taatcccagc	actttgggag	gccgaggcag	gcggatcact	300

<210> 589

<211> 300

<212> DNA

<213> Homo sapiens

<400> 589

cctcctactc	ccaaacaaat	ctttggggaa	aaaaaaacta	ccaactgtca	gcatggggcc	60
tgacggcgct	aagctctggg	gtcccgctga	ctgacgtggg	gccagccaca	gggaggcggg	120
gatcaagtag	cggaggccag	gattttggcc	acctcccggg	caagttgcag	ggcagtggtg	180
ccgggagcaa	aagcagcatg	atgcagctca	tgcacctgga	gtccttttat	gaaaaaacct	240
cctcctgggc	ttatcaagga	agatgacact	aagccagaag	actgcatacc	agatgtacca	300

<210> 590

<211> 300

<212> DNA

<213> Homo sapiens

<400> 590

ggggcgagg	cgggagaggc	gagctcgca	tgagtgtct	cggcaggctc	ttcgggaagg	60
ggaagaagga	gaaagggcca	acccctgaag	aagcaataga	gaaactgaag	gagacagaga	120
agatactgat	caagaaacag	gaatttttgg	agcagaagat	tcaacaggag	ctacaaacag	180
ccaagaagta	tgggaccaag	aataagagag	ctgccctaca	ggctttgcgg	aggaagaaaa	240
gattcgaaca	gcagctggca	caaactgacg	ggacattatc	cacctgggag	tttcagcgtg	300

<210> 591

<211> 300

<212> DNA

<213> Homo sapiens

<400> 591

gagaagctga	cgggcatgtg	gtggaaacag	ctgggtggccg	gcgcagtggc	aggtgccgtg	60
tcacgggacag	gcacggcccc	tctggaccgc	ctcaaggtct	tcatgcaggt	ccatgcctca	120
aagaccaacc	ggctgaacat	ccttgggggg	cttcgaagca	tggtccttga	gggaggcac	180
cgctccctgt	ggcgcgga	tggtattaat	gtactcaaga	tgcccccg	gtcagctatc	240
aagttcatgg	cctatgaaca	gatcaagagg	gccatcctgg	ggcagcagga	gacactgcat	300

<210> 592
 <211> 275
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 592
 gaaatgtgta tttcagtgac aatttcgtgg tcttttttaga ggnnnnnnnnn nnnatatect 60
 tggctttnta ggcnatatgc tcanagtgcg acagcggnac cntgccctca natncttactn 120
 naagctttga ntagnnccat nnnnngetac ntccctgaan tectnccnnc cctcactggc 180
 tgccctnaca ngccanctga cgantgncct taaaggcatt aacncgcntc nnttgtggng 240
 tctctnggct tanggagnna agaggtggct cttga 275

<210> 593
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 593
 tgacattgtc agtgtgaaat ttaacagact ttggtttttag gagttaggtt taggttgcag 60
 acctaaagtt gcagttgaca tgtccttggt ttataggagg atatacatcc tgaaagtttt 120
 agggactggc aaagaattta ctgctgagca atttgtgatt gcagtcacct ggagattcat 180
 gaggtttttt gcctttttgt ggggatctgg ttaatgcata atattttgac acaagggttg 240
 aaggtaacag gtatccattt gggaaaagaa tgacagtttt ggagaacatt agttctgcag 300

<210> 594
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 594
 acctaagact gctttgaaac ataaagtaat aatnaaanaa atgggctggg tgtgggtggnt 60
 tatgcttata atcctagcnc tttgggaggc tgaggcgga ggatcntttg agctcaggag 120
 ttttagaccn gtttgggcgg tcccagttat caggaggctg aggtgagagg gattacttgt 180
 gccaggagg tcaaggctgc agtgagctgt gattgtgcca ctgtactcca gccctggcaa 240
 cagagagaga accctgtctc aaaagaaagg gggggggagg aacggaggaa ggggaaggagg 300

<210> 595
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 595
 attatgggtg aaggggaagc aaatgcccta cttcacatgg tggcaggaag gagaagaatg 60
 agaaccaaat gagggagaag ccccttataa aaccatcaga tcttgtgaga acttactatc 120
 atgagaatag catgggggaa actgccctgt gattcaatta cttccacta ggtcactccc 180
 accatacatg gagattatag gaactacaat ttaggatgag atttgggtgg gaacacagcc 240

aaaccatatac aagtatttaac agcagaatta accaagctga ggaaagactc tcagagctca 300

<210> 596
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 596
 gcataacgaa cctaaccctc agagggtttac caagattcaa aacacgaagc tgaccatgaa 60
 gcgggacggc attgggtcag tgcggtaacca ggtcttgag gtgtctcggc aaccactctt 120
 caccaatatac acagtggaca ttgggcggcc tccgtcgtgg cccctcggg gctgacacta 180
 atggacagag gctctcggtg ccgaagattg cctgccagag gactgaccac agcctggctg 240
 gcagctgctc tgtggaggac ctccaggact gagactgggc tctgttttcc aagggtcttc 300

<210> 597
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 597
 agacaaccca gaaacaaatt catacatcta tgggtgaccac ttttgacaaa ggaatgaaga 60
 acatacatctg gggaaaagat aatgtcttta ataaatgggtg ctgggaaaac tggatatcca 120
 tatgcagaag aatgaaacta gacccccatc tcttagcata tacaaaaatc aaaattaatt 180
 aaaaagttaa atctaagacc tcaaactatg aaacagctaa aagaaaacat cggggaatct 240
 ctccaggaca ttggagtggg caaagatttc ttgtgtaata cctgacaaac aggcaaccaa 300

<210> 598
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 598
 ggtatttgtt cttgaaccac acccgttcga tccatagagt ctcttttctg ctggtcatga 60
 tggaaacgtg atagtgtggg atctggcaag aggagtcaaa atacgatctt atttcaatat 120
 gattgaaggc caaggacatg gcgcagtatt tgactgcaaa tgctctctg atggtcagca 180
 ttttgcatgc acagactctc atggacatct ttttaatttt ggctttgggt ccagttagca 240
 atatgacaag atagcagatc agatgttctt tcatagtgat tatcgccac ttattcgtga 300

<210> 599
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 599
 agaaagatca ctgctgttta cagcgccttg tgcagcctta gattttaata ttcttttgtc 60
 attgttacat ctcatagagt aaagctctta ttaccttgat cctgagtcag aaatcccacc 120
 tgaaatcacc ttttttccc cttgatcaaa catcccatcc ttcagctacc atactgttgc 180
 tacagggatt ttgtggactg tggccctgt cccgaggttg gcaccttcag ttcagcacag 240
 cctgagcagt gagaaggctc gaaaggagag tatatagtta agatccttga gaaagggtg 300

<210> 600
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 600

tttggattga	ttcaggagaa	atttgcactg	atggctcaga	aggcttacgt	catggagagt	60
atgacctacc	tcacagcagg	gatgctggac	caacctggct	ttcccgaactg	ctccatcgag	120
gcagccatgg	tgaagggtgt	cagctccgag	gccgcctggc	agtgtgtgag	tgaggcgctg	180
cagatcctcg	ggggcttggg	ctacacaagg	gactatccgt	acgagcgcat	actgcgtgac	240
acccgcatcc	tcctcatctt	cgagggaacc	aatgagattc	tccggatgta	catcgccctg	300

<210> 601

<211> 300

<212> DNA

<213> Homo sapiens

<400> 601

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
gagtagttac	cataagaacc	tgtagctag	cagtgttat	gaaggcactg	ttatatttatg	120
ggatggattc	acaggacaga	ggtcaaagg	ctatcaggag	catgagaaga	gggtgtggag	180
tgtagacttt	aatttgatgg	atcctaaact	cttggcttca	ggttctgatg	atgcaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattg	300

<210> 602

<211> 300

<212> DNA

<213> Homo sapiens

<400> 602

gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	60
tatggataga	agcatgggtc	gggttcctt	tgctgaccag	ggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaaag	aaataactca	aaatggatcc	caggcctaaa	tgaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	300

<210> 603

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 603

ttaatatggg	aacnccngtt	tctaactgtc	atncccccn	ccccaacacc	cccaanncag	60
cagttttntt	caccgctgc	agcgttccg	tnccaaacan	agggccncnc	ananncccn	120
cgntntatat	aaggaggaaa	acgggaaaga	atataaagtt	aaaaaaaaagc	ctccggnttc	180
cnctactgng	tanactcctg	ntttttcaag	cncctgcaga	ttttgatttt	tttgntgntg	240
ttgtntnccn	cnnttgctgn	tgntgcaggg	gtactattgt	ttaaaaacag	gaaaaaaaaat	300

<210> 604

<211> 300

<212> DNA

<213> Homo sapiens

<400> 604

cttactttga	tcctcgtgag	gcataccag	atggaagtag	caaagaaaag	agaagagcag	60
cagttgccca	ggccttagct	ggcgaagtca	gtgtggtgcc	tccatctcgt	ctcatggcat	120
tgctgggaca	ggcactgaag	tggcagcagc	atcagggatt	gcttcctcct	ggatatgacca	180

tagatttgtt tgcaggcaag gcagctgtca aagatgtgga agaagaaaag tttcctacac 240
aactgagcag gcatattaag tttggtcaga aatcacatgt ggagtgtgct cgattttctc 300

<210> 605
<211> 300
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

<400> 605
gaacattcgg actcgagata atcgtcgcct tggggagtgg gacttgccctg aggetgtgca 60
gctgactggt ggagctaccg aacacgaggg tcccatatgc ccgaagaaaa tttctggccc 120
tttgtacata catgacgcca accactgcga gtgccatcag ctctctcttg ttgnnnnnnn 180
ccccggnnat gntgacgntg nngannnctt anaccntttt nnnnctnnga aaggaggntt 240
gattgcngnt nccctgagat ntggcttccc aagagcactt attgaccctt cctcaggcct 300

<210> 606
<211> 298
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

<400> 606
ccccgggant aaggntgnnn tatnntnncc anaaaaaann gggncnatna tgnngtcgng 60
aaggntnngg aacaacaagg actgcntnat tggaagnggn cncaggnttg aanccaaagn 120
taaangagtg aatnaggtgn tnntggggaa tgaccngctc atggagatnt gagttctgag 180
caagtcagac tccttccttt tggcctccaa agccacagat gttgcccggc ccacctgttt 240
aactctgtat ttatttccca ataaagaagg gcttccaaag gcatgctgga gacttgtg 298

<210> 607
<211> 300
<212> DNA
<213> Homo sapiens

<400> 607
atggtgtttt cacctggaag ctgagaagaa aggggcttta atggaacaaa tagcacatca 60
agctgttgta atgcagttta ttatggaaat ggccaaaaac tgtaatgtgg atccaagagg 120
gtgttttcgt ttatttttcc agaaagccaa agcagaggaa gaaggttatt ttgaagcatt 180
caaaaatgaa cttgaagctt tcaagtcaag agtaagactt tattctcaat cacaaagttt 240
tcaacctatg acagttcaga atcatgttcc ccattctggt gttggatcta taggtttatt 300

<210> 608
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1)...(296)

<223> n = A,T,C or G

<400> 608

atccagggtgt ttctgatgca cagtgaaatt ggggtaccac tgggtattagg ttgggtatgg	60
caacttttttc atcacttggt ttatgtagtt gtctgatcaa ttgtgaaaac ataatgaatg	120
ttggaaatgg aacagtaaaa taacgaaagc caactttttt tttttttttt tttnnnnnnnn	180
nnnnnnnnnt tnccccccng ncngnanngc aggggccccaa nntnggntnn ntgnancnc	240
cncnccggtg nttnncccc ttntcnngcc taaccncccc nagnacnngg aactac	296

<210> 609

<211> 300

<212> DNA

<213> Homo sapiens

<400> 609

cgacaatcag tgattttgct gtattttctca caatagtaat aatgggttaca attgactacc	60
ttgtaggagt tccatctcct aaacttcatg ttctgaaaa atttgagcct actcatccag	120
agagaggggt gatcataagc ccactgggag ataactcctg gtggacctta ttaatagctg	180
ctattcctgc tttgctttgt accattctca tctttatgga tcaacaaatc acagctgtaa	240
ttataaacag aaaggaacac aaattgaaga aaggagctgg ctatcacctt gatttgctca	300

<210> 610

<211> 300

<212> DNA

<213> Homo sapiens

<400> 610

agaataacta ccagacaaca tttgttaaaa ctccaggacag tatgtatttt aaataagcaa	60
gtgcatgtgt gaaaatggct cattcagttt ataaaaatatt acattaaatt tgaggtttct	120
gttttttttc tttgtgaca gtcttgctct gtccccatg ctgtattgca gtggctccag	180
ttcacctcac tgtaacttcc acatcctggt ttcaagcaat ttgtgcctca gctcccaag	240
tagctgggat tacagtcag ccaccatgct cagataattt ttatattttt ttgtatagat	300

<210> 611

<211> 300

<212> DNA

<213> Homo sapiens

<400> 611

agatgggtta aaacttaaat gtcacatctg aaacagtaaa aatcctagaa gaaatcctag	60
gaaaaactct tctggacatt ggcctaggca aagaatttat gatgaagacc tcaaaagcaa	120
acataacaaa accaaaaata gacaaatgag atttaattag aaaaacttct gcacagtaaa	180
agtaataatc aacagttaat agacaaccta tagaatggga gaaaatatat gtaaattata	240
catctgacaa agaactaata tccagaatct acaaagaact caacaagaaa aaaaccaacc	300

<210> 612

<211> 300

<212> DNA

<213> Homo sapiens

<400> 612

tcctggctgt taggatttgt tcgtgtttgg gagaccttta gagcgtgggt aaacccatat	60
gttgaggattt atgtgcttt tatggtagca ataccctata ttaagatttg aagtagaccc	120
ggaaagtttag tggcgggtta gtcagttgg ttagagcgtg gtgctaataa cgccaaggtc	180
gcgggttcga acccgtacg ggccagtggg tggctttttt ttgtgtgtgt tttgttttct	240

gacccctctgc tgttatccgg aagttttctac ccggagccag ttgccttctg gtaacagaat 300

<210> 613
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 613
 aaaacataat ttctgtttca tggagatgaa tacaaggctg caagtggaac atcctgttac 60
 tgagatgac acaggaactg acttgggtgga gtggcagctt agaattgcag caggagagaa 120
 gattcccttg agccaggaag aaataactct gcagggccat gccttcgaag ctagaatata 180
 tgcagaagat cctagcaata acttcatgcc tgtggcaggc ccattagtgc acctctctac 240
 tcctcgagca gacccttcca ccaggattga aactggagta cggcaaggag acgaagtttc 300

<210> 614
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 614
 agacagtcaa gctgcattgc aacactgcat gtctgactaa cagcatacat tgtcctgaag 60
 aagcatctgt aggggaatcca gaaggagcgt tcatgaagat gttacaagcc cggaagcagc 120
 acatgagcac tcagctgact attgagtcgg aggcgccttc agacagcagt ggcatacaact 180
 tgtcaggctt tgggggtgat cagcttgaaa ttcagctaac cgagcagcta cggtccttca 240
 tccccaacga ggatgtgaga aagttcatgt ctcatgttat ccggaccttg aaaatggaat 300

<210> 615
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 615
 tgggacatgc tcatgatggc tgtcatgcac actgcgaaaa gttgttggtt tactggagca 60
 gggcaaggaa cacctggccc cgcccggagc aaaaaactgc tcaaaccaca aacgatagca 120
 ggaaaggcct gtgccttggc agcatgtttt tgcctgcagt aatcagccag agcctgtttc 180
 tctgtctctc gctgagattg ctttgtttcc cataaagatt gcttttagct aatctacaat 240
 ctatagaagc aatgcttata actggccttc tgtcaataaa tgtgtgggtc aagctctgtt 300

<210> 616
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 616
 gctacctggg cggcgacggg ctggacgtgg acgtgccac gcgtctggag ggctggttct 60
 tctgcacgcc cgcccgaag ctgctctggc tgggtgtgca gcccttcttc tactcactac 120
 ggccgctctg cgtccacccc aaggccgtga cccgcatgga ggtgctcaac acgctgggtg 180
 agctggcggc cgacctgggc atctttgccc tttgggggct caagcccgtg gtctacctgc 240
 tggccagctc ctctctgggc ctgggcctgc accccaatng gggccacttc gtggccgagc 300

<210> 617

<211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 617
 ngnnattgag ccnnttgaat cnagctactt gttcttttttg caggatccca tcgagtccat 60
 ctcatatgag tgagaaagct taccagtgcg gcgaatgtgg gaaagccttc cgagggcact 120
 cggacgtttt ctaggcatca gagtcaccac agcagtgaga ggccttatat gtgtaatgaa 180
 tgtggaaaag ccttcagcca gaactcgagc cttaaaaagc accaaaagtc tcacatgagt 240
 gagaagccct atgaatgcaa tgaatgtggg aaggcctttta ggcggagctc aaacctcatc 300

<210> 618
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 618
 ccccaacctg cactctaccc acccccatca cctactccag ctcccaactt ttgtggactg 60
 agcgggcgca gagactgggt cgccttggat tccctctgcc tccgaggacc ccaaaagaca 120
 cccccaacct caggccagcc ggccctgctc tggcgcgtcc aaaatactac ctagcacagg 180
 cctctgctcg aggcaccccc aaactaccta tgtatccagc cccagagggc ctccattccc 240
 aggaagtccc tatgtatccc aacactggca gacaccagc accacctcc cagaccgcga 300

<210> 619
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 619
 aattccgttg ctgtcgaatt gttcctgtcc tgccccaaact gatcaatcga ccttgtgaca 60
 ttcttcttct ggacaatgaa tcttatgatc tccccaccat ggaccctgtg accccctcct 120
 ctgctgacaa tagataacca cctetaactg taacattcca ctgcctacct cagtcctata 180
 aagctgcccc tctcctatct accttcgctg actctctttt cgtactcagc ccacttgcac 240
 ccaagtgaat aaacagccct gttgctcaca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 300

<210> 620
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 620
 agaatacaag ctacttggtc tttttgcagg atcccatcga ttccgaattcc gttgctgtcg 60
 aattgttcct gtccctgccc aactgatcaa tcgacctgtg gacattcttc ttctggacaa 120
 tgaatcttat gatctcccca ccattggacc tgtgaccccc tctctgtctg acaatagata 180
 accactcta actgtaacat tccactgcct acctcagtc tataaagctg cccctctcct 240
 atctaccttc gctgactctc ttttcgtact cagcccactt gcaccaagc aataaacagc 300

<210> 621
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 621

actatagaat	acaagctact	tggtcttttt	gcaggatccc	atcgattcga	attccgttgc	60
tgtcgaattg	ttcctgtcct	gccccaaactg	atcaatcgac	cttgtgacat	tcttcttctg	120
gacaatgaat	cttatgatct	ccccaccatg	gacctgtga	ccccctctc	tgctgacaat	180
agataaccac	ctctaactgt	aacattccac	tgccacctc	agtcctataa	agctgccctt	240
ctcctatcta	ccttcgctga	ctctcttttc	gtactcagcc	cacttgcacc	caagtgaata	300

<210> 622

<211> 300

<212> DNA

<213> Homo sapiens

<400> 622

gtgggagggg	gtagggggag	gaagtctgtg	gtgagcaaag	tttgcccttat	tacactgata	60
aagtgttaatt	acactaataa	agctggatca	cctgagggtta	ggagtttgag	agcagcctgg	120
ccaacatggc	aaaaccctgt	ctctactata	aatacaaaaa	ttagccaggt	gtggtggcag	180
ggcacttggtg	atcctatcta	ctcgggaggg	tgaggcagga	gaatcgcttg	aaccaggtt	240
gtaaagggtg	cagtgcagca	agatcatgcc	actgcactcc	agtctgggtg	tcagaatgag	300

<210> 623

<211> 300

<212> DNA

<213> Homo sapiens

<400> 623

caatctcaaa	gctggctgag	aaaccacagt	ataaatcagt	tactggacaa	acttgaaatc	60
atggtggaag	aaacagacag	tgttagctca	tgatttgatt	tggttctacc	tttggccttg	120
agttcttatt	atttacatta	taaatattaa	ctgggttttat	attgttaaga	caaaacactg	180
gtaaaagtgt	caacacctcc	cttttgcttg	tataccataa	atgggcagtt	tctgaaattt	240
tggataaagc	atcaagaact	cctttttctg	aaacgttcct	ccttttttag	tgccataatta	300

<210> 624

<211> 261

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(261)

<223> n = A,T,C or G

<400> 624

gtgaaagagt	tcattgacctc	cttgcgccgg	gcctgggtgct	ctgcgatcaa	gggctgcaga	60
acctgtatga	gtgccttctt	gagctcaccg	gtgagcatgg	ctccgctggt	gtaatccttc	120
ctgatctgct	cgagcttgtn	nnnnacctgg	aggmntangg	tatnnnnat	nnntnanang	180
cncgnatnat	nctgnancta	cncngtctgn	nacggtattn	angnncnantn	ctatnatgna	240
annnnannntn	ngngnctntn	c				261

<210> 625

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 625

tttttttgag acggagtcctt gttctgttgc caggctggag tgcggtggtg caatctcagc	60
tcactgcaat ctccacctcc tgggttcaag aggttctcct gcctcagcct cctgagtagc	120
cggggagcta caagcatgca ccaccacacc cagctaattt tttttttttt nnnnnnnnnn	180
nnnnntgtc ncccaggctt gagtgcaggg gcncnatctn ggntnantgn aanntntgtc	240
tcnngggttn atgccnttct cctgnttnan cntcccnant antcccagga ntagctgg	298

<210> 626

<211> 300

<212> DNA

<213> Homo sapiens

<400> 626

ggtaaggatt tggggcacag taccaggagg ggggcttggg gccagacctc atgaggaaga	60
aggattttcc tatgtacaga gaaggggacc ctgtcctggt gggagggtgct gtgcaaacct	120
aaccaagtta ctaaccctc tgttttctgt gctacacaaa ggggataaat acaagcttcc	180
ctctctagcc aattctattt ggctcctgag ttgggaaagt gatagatact gatttttctat	240
gattttatga ggacttaaat aagctcctat ggaaagtgtt ttgtgcagtg ccgtgcccac	300

<210> 627

<211> 300

<212> DNA

<213> Homo sapiens

<400> 627

gcgacatctg tcaccccatt gatcgccagg gttgattcgg ctgatctggc tggctaggcg	60
ggtgtccctt tctccctca ccgtcccatg tgcgtccctc ccgaagctgc gcgctcggtc	120
gaagaggacg accatccccg atagaggagg accggctctc ggtcaagggt atacgagcgc	180
cgtaattgac acatctctta ttgagaagt gtctgttgcc ctcatagggt ttaattacaa	240
aatttgatca cgatcatatt gtagtctctc aaagtgtctt agaaattgtc agtggtttac	300

<210> 628

<211> 300

<212> DNA

<213> Homo sapiens

<400> 628

ggatgaccca tgccaaaaat actatgagct cttactagtc aacctatatt ggttggtccc	60
accaacaaag gcacttgcag ttacattcac cacatttgta acggagccat tgaagcatat	120
tggaaaagga actggggaat ttattaaagc actcatgaag gaaattccag cgctgcttca	180
tcttccagtg ctgataatta tggcattagc catcctgagt ttctgctatg gtgctggaaa	240
atcagttcat gtgctgagac atataggcgg tctgagagc gaacctcccc aggcaattcg	300

<210> 629

<211> 295

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (295)

<223> n = A,T,C or G

<400> 629

```

gggtggtntna gtgggnanaag gatcgagtg gagacnngtg cnaatagggn gatcctggta      60
aggtgctnat gtcagtctgc aatgtccanc agcagnaggn ntttgatgtn anngcngga      120
gnngagtga ccaggggtgc tgtgtnatna nttgattcag nggcttatgg catcactgcc      180
ttctgttncc gggggagcat ggatctagat gtccctgcct ctgaaaacca agtgtcagag      240
ccccctcccc ttgtttttat tttactgtta taataattat taacttcctt gtaat      295

```

<210> 630

<211> 300

<212> DNA

<213> Homo sapiens

<400> 630

```

tggtctgctc accagaggtt cttcaaatac ttatgcatag catccaaagt taaaagggtt      60
gtgcaactag ctcgagagga aatcaagaat ggaaaatgtg ttgtaattgg tctgcagtct      120
acaggagaag ctagaacatt agaagctttg gaagagggcg ggggagaatt gaatgatttt      180
gtttcaactg ccaaagggtg gttgcagtc ctcattgaaa aacattttcc tgctccagac      240
aggaaaaaac tttatagttt actaggaatc gatttgacag ctccaagtaa caacagttcg      300

```

<210> 631

<211> 290

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (290)

<223> n = A,T,C or G

<400> 631

```

gcctagggcc ccctagcacc ccactcgatc accgagggta ccagtccttg tcagacagcc      60
ccccgggggc ccgagtcttc actgagtcag agaagaggcc actcagcacc caagacagct      120
tcgtggaggt atnnnnnnnn nnnnnnnggc cncgtggttca tgatntggnt nntanatgca      180
anaggctgtg gctnctnaag tcctaaggat tntcantga tcanngatcc agggccgttc      240
atgaaccact gggctggatt tgactgttga ntgtggnagn aaatgcccg      290

```

<210> 632

<211> 300

<212> DNA

<213> Homo sapiens

<400> 632

```

gtgggggtcag ttctggtctg ctcaccagag gttcttcaaa tacttatgca tagcatccaa      60
agttaaaaagg gttgtgcaac tagctcgaga ggaaatcaag aatggaaaat gtgttgtaat      120
tggtctgcag tctacaggag aagctagaac attagaagct ttggaagagg gcggggggaga      180
attgaatgat tttgtttcaa ctgccaaagg tgtttgcagt cactcattga aaaacatttt      240
cctgctccag acaggaaaaa actttatagt ttactaggaa tcgatttgac agctccaagt      300

```

<210> 633

<211> 300

<212> DNA

<213> Homo sapiens

<400> 633

```

cacagtcctt ctggaagcca gaccgaagc cacagtagca gtgccagctc agcagagagt      60
caggacagca ggaagaagaa gaagaagaag gaaaagaaaa aacacacaga aacatataaa      120
gcataagaag cataagaaac atgcaggcac tgaagtggaa ttggaaagac gccatctaca      180

```


cgaccacagg aaccagaaga ggacctacac tcagattaga gcgtgaggaa gtgagttctt 240
 ggagacgtgc tgatgacagg aaagatgacc ggggtggaaga gcgggaccct cctcgtcgag 300

<210> 634
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 634
 cccacactcg gacactgtgg aattctacca gcgcctgtcg accgagacac tcttcttcat 60
 cttctactat ctggaggcca ctaaggcaca gtatctggca gccaggccc taaagaagca 120
 gtcattggcg ttcacacca agtacatgat gtgggtccag aggcacgagg agcccaagac 180
 catcactgac gagtttgagc agggcaccta catctacttt gactacgaga agtggggcca 240
 gcggaagaag gaaggcttca cctttgagta ccgctacctg gaggaccggg acctccagt 300

<210> 635
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 635
 ccaggctagt cttgaactcc tggcctcaag caatcctccc acctcggcct cccaaagtgc 60
 tgggattaaa ggcgtgagcc accgtacctg gcccttggtg gaatcttttag ggttttctat 120
 tcatacatat aaaatcatat cattggcaaa cagagataat ttacttctc cttttccaat 180
 ttggatgcct tagatttctt ttccttgccct aactgctctg tctagaactc ccagcactat 240
 gctgaataga gtggcaagag caggcatttg ccttggtcct aaccttacag aaaaatcctt 300

<210> 636
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 636
 gctgcccaac acgctgtttg gggatgtggc catgggtggtg gaattcttga gctgttattc 60
 tgggtacttt ttaccagatg ctccagtatc tattactgct gtgtccctta tggaagcctt 120
 gattgcagat aagggtggct ttttatccct taacagggtg ttgggtcatc tcttacagac 180
 cctcctacaa gatgagatag cagaagacta tggatgaatg ggaatgaagc tgtcagaaat 240
 ccccttgact ctgcattctg tttcagagct ggtgcggctc tgcttgcnca gatctgatgt 300

<210> 637
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 637
 ctttgcagct ccccttccac tgagagccac ttccaccatt taataaaatc gtccacatcc 60

```

atcaactttc aaaccattca tgcaacctga ttcttcctgg atgctgaaca agaacctggg      120
taccaacagg gcagggtgta aaaggctgcc acctgactc tcttgagtg ggtnnnnnnn      180
nnnctgteen ggatggcaac tgctaaaaga gcntgaattg taacacatcc ctaaagcgcg      240
tgttgggctg gagcccaaaa gtgctcatcg aagccctggc acccgcttgc ctgcgtgctc      300

```

```

<210> 638
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 638
aacctatctg catggacctc tgtggaccac agcgtacctg cccctttctg cctcctgct      60
ccagcccccac ttctgaaagt atcagctact gatccagcca ctggatattt tatatcctcc      120
cttttcctta agcacagtgt cagaccaaat tgcttggttc tnnnnnnngn actacannna      180
tatgnatnct ggtncgctgg gcaagttcac tgngcccatg ctgaaagagg cctgccgggc      240
ttangggctg aagagtggtc tgaanaanca ngaactgctg gaancctca ccaagcactt      300

```

```

<210> 639
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 639
agttttcctg tgattagtgt ttttggtggt gttttatattt ttttcttaca ggaactcttg      60
caagaagaaa ggactatgag ttcaacttta gagggagcca tggggactaa acaaaattct      120
gaggcccccct caaccatcta aatggacttc cttctgggcc aggacactcg aaaattaaac      180
ctgaaagact ggttcaggcc atgatgggaa gtgggagctg aacatgcctc atcataccct      240
ccagcattaa catcaacaca gaccttaagg ctgataagaa gcattttacaa tctattctct      300

```

```

<210> 640
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (299)
<223> n = A,T,C or G

```

```

<400> 640
gttagctcga ggggcaaata aagagcacag gaatgtttct gattacacac ctctaagtct      60
ggctgcttct ggtggctatg tgaacatcat caaaatatta ctaaatgcag gagctgagat      120
taactctaga actggtagca aattgggcat ctctcctctg atgttagcag ctatgaatgg      180
gcatacagct gctgttaagc tctgttaga catgggctct gacataaatg ctcagataga      240
aaccaatcgg acactgnnnn nnnnnnnnnn ngcttccaag gaagaactga agtgggttag      299

```

```

<210> 641
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 641
 cagagacctg acagtggcaa tgtatggcca cgttactgaa tctacatgtt gcaagagaaa 60
 aactagcaga tgttcttggc agccctgtca ttcagctata ttgctaaagc actaggtgga 120
 atcattatga aaatttccat cactcaaata gaaaggagat ttgacatata ctcttctctt 180
 gctggtttta ttgatggaag ctttgaaatt ggaaatttgc ttgtgattgt atttgtaagt 240
 tactttggat ctaaaactaca cagaccgaag ttaattggaa ttggttgtct ccttatggga 300

<210> 642
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 642
 gagagcttgg gatgtggtta tgccagccac actcctggga gccgtggcca gatctcggca 60
 tatattatca aaagcacatc agtgccgaag aatcggtcat ctaatgttaa aaccacttaa 120
 ggaatttgaa aatacaacat gcagcacact gacaatacgt caaagcttgg atttgttcct 180
 tcctgataaa acagctagtgt gtttgaataa gtctcagatc ctggaaatga accaaaaaaaa 240
 gtcagatacc agcatgctgt ctccattaaa tgctgctcgt tgccaagatg aaaaggcaca 300

<210> 643
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 643
 gcctgccaga atggaagcat acagatctgg gaccgaaatt tgactgttca tcctaagttc 60
 cactataaac aggcctcatga ctggggcaca gacattctt gcgtgacttt tcctatgat 120
 ggtaatgtcc ttgcctctcg tggaggtgac gattcattaa aattatggga catccgacaa 180
 ttaataaac cacttttttc agcctcgggt ctccccacca tgttcccaat gactgactgc 240
 tgtttcagtc cagatgataa gctcatagtc actggtacat ctattcaaag aggatgtggc 300

<210> 644
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 644
 ccggagagaa gcagcaggag ggcgggcgcg ccgtgcgctg cgacacacct gccaaactgca 60
 cctatcttga cctgctgggc acctgggtct tccaggtggg ctccagcggg tccagcgcg 120
 atgttnnnnn nnnnnnnntg gcaattaaca acatcttaaa actgactcag ctacccagc 180
 ctccatgta ttcacttctt aatgcaccct ctctggcaga cctggaggac gatacacatg 240
 aagcctgtga tgatcagcca gagaagcctc actttgactc tcgcagtgtg atttttgagc 300

<210> 645
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 645
 actgttcata ctaagttcca ctataaacag gctcatgact cgggcacaga cacttcttgc 60
 gtgacttttt cctatgatgg taatgtcctt gcctctcgtg gaggtgacga ttcattaaaa 120

```

ttatgggaca tccgacaatt taataaaacca ctttttttcag cctcgggtct tcccaccatg      180
tcccacatga ctgactgctg ttccagtcga gatgataagc tcatagtcac tggtagatct      240
attcaaagag gatgtggcag cggcaaacct gttttctttg agcgtaggac ttcccaaagg      300

```

```

<210> 646
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 646
gcgacatcag aagatcattg aggaggcccc agcgccctggt attaaatctg aagtaagaaa      60
aaagctggga gaagctgcag tcagagctgc taaagctgta aattatgttg gagcagggac      120
tgtggagttt attatggact caaaacataa tttctgtttc atggagatga atacaaggct      180
gcaagtggaa catcctgtta ctgagatgat cacaggaact gacttggtgg agtggcagct      240
tagaattgca gcaggagaga agattccttt gagccaggaa gaaataactc tgcagggcca      300

```

```

<210> 647
<211> 278
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (278)
<223> n = A,T,C or G

```

```

<400> 647
ggtgactgcc atcctggagc cctacccctg catccaattc cctctggcca catatgcccc      60
tattatctct gctgaaaaag cctaccatga acagctttct gtagcagaga taaccattgc      120
tatgctttnn nnnnnnnnac ctgatgntaa nanntgaacc tcnntgcggt tnttncannn      180
tttntntntc nantcnnnna cgtcttgntt nntncttntt nntttctcgc annantttnn      240
natntcntnn cctttgnttt tncntcttct tnnntaat      278

```

```

<210> 648
<211> 150
<212> DNA
<213> Homo sapiens

```

```

<400> 648
ccccggctgt gtagcgggtg tatactacgg tcaatgctct gaaatctgtg gagcaaacca      60
cagtttcatg cccatcgtcc tagaattaat tcccctaaaa atctttgaaa taagggcccc      120
tatttacctt atagaccccc ctctagaggg      150

```

```

<210> 649
<211> 277
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (277)
<223> n = A,T,C or G

```

```

<400> 649
gaagaangcc tatncnnnct attagctana natagtcnnt nnnaatanga naganangtn      60
acnnanaang cnananngnn nnagagatag ctcnacntaa agacnggana angatcttcg      120

```

ccttaataact tttttatttt gttttatttt gaatgatgag ccttcgtgcc ccccccctccc 180
 ccttttttgt cccccaactt gagatgtatg aaggcttttg gtctccctgg gagtgggcgg 240
 aggcagccag gggttacctg ccacaaacgg ggaccag 277

<210> 650
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 650
 gaggtagtga cacaggctgt gggagggggg agggggagga agtctgtggt gagcaaagtt 60
 tgccttatta cactgataaa gtgtaattac actaataaag ctggatcacc tgaggttagg 120
 agtttgagaa cagcctggcc aacatggcaa aaccctgtct ctactataaa tacaaaaatt 180
 agccaggtgt agtggcaggg cacttgtgat cctatctgct cgggaggctg aggcaggaga 240
 atcgcttgaa cccaggctgt aaaggttgcg gtgagccaag atcatgccac tgcactccag 300

<210> 651
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 651
 ggcacagtac caggaggggg gcttggtgcc agacctcatg aggaagaagg attttcctat 60
 gtacagagaa ggggaccctg tcctgttggg aggtgctgtg caaacctaac caagttacta 120
 acccctctgt tttctgtgct acacaaaggg gataaatata agcttccttc actagccaat 180
 tctatttggg tcctgagttt ggaaagtgat agatactgat tttctatgat tttatgagga 240
 cttaaataag ctctatgga aagtgttttg tgcagtgccg tgcccataaa gaagagctca 300

<210> 652
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 652
 acgtgaacga gaaaaggaga aagaacggga gcgggaacga gaacgggata gggaccgtga 60
 ccggacaaaa gagagagacc gagatcggga tcgagagaga gatcgtgacc gggatagaga 120
 aaggagctca gatcgttaata aggatcgcag tcgatcaaga gaaaaaagca gagatcgtga 180
 aagggaacga gagcgggaaa gagagagaga gagagaacga gagcgagAAC gagaacggga 240
 gcgagagaga gagcgagaga gggaacggga gcgagaaaga gaaaaagaca aaaaacggga 300

<210> 653
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 653
 tgaacgagaa aaggagaaag aacgggagcg ggaacgagaa cgggataggg accgtgaccg 60
 gacaaaagag agagaccgag atcgggatcg agagagagat cgtgaccggg atagagaaag 120
 gagctcagat cgtaataagg atcgcagtcg atcaagagaa aaaagcagag atcgtgaaag 180
 ggaacgagag cgggaaagag agagagagag agaacgagag cgagaacgag aacgggagcg 240
 agagagagag cgagagaggg aacgggagcg agaaagagaa aaagacaaaa aacgggaccg 300

<210> 654
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 654
 ccccttcctt ctgtctctgg agacccttga gcttggggaa atatggaggg gtgtgtgtct 60
 gcaatcaagg cctctgcagc tcacggctgg cccggtgggc tgggacttcc gtctgaattt 120
 taaataactta gggttcattt tttttctctt ggcaacaaag cttgatgttt tctactgttt 180
 agtttctgt ttgctggtgg gaggggatac ggtctgtgac tctggacttg ctctggggga 240
 acagttgtca ctgcccccg gganaggggc agctngggct ggagaagcac agcc 294

<210> 655
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 655
 acagcctggg cgtgcggcga gctgagatca agcccggggt gcgcgagatc cacctgtgca 60
 aggacgagcg cggcaagacc gggctgaggg tcggaaggt cgaccagggg ctctttgtgc 120
 agttgggtcca ggccaacacc cctgcatccc ttgtggggct gcgctttggg gaccagctcc 180
 tgcagattga cgggcgtgac tgtgctgggt ggagctcgca caaagcccat caggtggtga 240
 agaaggcatc aggcgataag attgtcgtgg tggttcggga caggccgttc cagcggactg 300

<210> 656
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 656
 tcaagtttgt ttgaagacac gtgtgccttt gtacccatta taagatgggtc ataagaccca 60
 agaactgata agctttgggt tttttttgtt ttgttttggt ttttgcttca tttaccatt 120
 catgcctagg gttccattat tggaacccta agcttgtggg agttatttct atctactgc 180
 tcaaggtcat caccaagatc tgatttttca taaaaaacat ttgtgacctt cggcataaat 240
 gggtttaaggt gccatccctg aaactgcaat gcagatatgt tcagataact tttatttttt 300

<210> 657
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 657
 aatgtttttt gaatcaagtt tgtttgaaga cacgtgtgcc tttgtaccca ttataagatg 60
 gtcataagac ccaagaactg ataagctttg gttttttttt gttttgtttt gttttttgct 120
 tcattttacc attcatgctt agggttccat tattggaacc ctaagcttgt gggagttatt 180
 tctatcctac tgctcaaggt catcaccaag atctgatttt tcataaaaaa catttgtgac 240
 cttcggcata aatgggttaa ggtgccatcc ctgaaactgc aagcagatat gttcagaaac 300

<210> 658
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 658
 ctatgatcag gactgactag gtagttggca tggcccatag agaacaagga aagatgggct 60
 ggtggattgg cccacctggg agccacatgg ggcaagggga gccctcacc tcagccagcc 120

```

agacgagtgg gatttccccc agcacagcat acccccttca caaagggaca actaaagtgc      180
ttcataaagc aagtctctga tcctgtgccc cccaactggg tgagacaccc caatgggtca      240
ccagacacct tatacaagag catttctact ggcacaggt gggtgcccct caaggacaga      300

```

```

<210> 659
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 659
gttttggtcg ggcattgatg ttagcgctcg cagttccagc tacctgggag ggtaagccca      60
gttcaaggct gcaattaact atgatgggtg ccctgcattt cagcctgggt gacaaaatta      120
aatcctggcc caaaaaaaaaa aagtagccag gcatgggtggc gggagcctgt tgtcccagct      180
gttccgtagg ctgaggcacg acattcactt gaacctggga ggtggagggt gctgtgagct      240
gacaccacgc cactgcactc cagcctgggt gacagtgaga ctctgtctca ataaataaaa      300

```

```

<210> 660
<211> 280
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(280)
<223> n = A,T,C or G

```

```

<400> 660
attcgaacat atgcagttat tccactaaat gatgaatgtg ggattattga atgggtgaac      60
aacactgctg gtttgagacc tattctgacc aaactatata aagaaaaggg agtggatatg      120
acannaaaag aactttacca gtgctnctac ctcnngctnc ngntttatct gaanagntgg      180
nagtntcncl ngatangncc tgnnttgcat cntnntanng nnntnnannn gccctttncn      240
tnntgnttgn cggnnnnngcn ttgncnnnag tcanccgctg      280

```

```

<210> 661
<211> 294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

```

```

<400> 661
aataggannn ctaanaggct angtgagnaa tatcaancnc cgcncgtgtt ttnggtgggt      60
aangnngtat anngggcntn natgggnagg aatncanatg gtagttggga naggggagga      120
tacaggtgga tgggactgga ggttgataaa ggtgttcttg gaaggaaggg gcaggagtgt      180
gaattagtgt gtccctactg tcccccatga ggttgatgaac ccctcccca acttttcatg      240
tttcttaaag gcattttggt tttttaaaat ctgtacagca agagcaactt tttc      294

```

```

<210> 662
<211> 279
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 662
 gaaaanggna ngactgnttt atggggggcnc caannnnncng nnncanttnc annnnggccc 60
 cnanaatggc caatgctcgt ttaggggaacc gccattctgc ctggggacgt cggagcaagc 120
 ttgatttagg tgacactata gaatacaagc tacttggtct tttgcagga tcccatcgat 180
 tcgcaggaat cgatctcgtg aagcccgcaa ggaccgaaca cccccacccc gatttagacc 240
 tgcagggtgt gccccacgtc ccccacccaa gcccatgta 279

<210> 663
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 663
 gctaagtatt ctaggatcta cagttatggt cattcatgct ccaaaggaag aggagattga 60
 gactttaaat gaaatgtctc acaagctagg tgatccaggt tttgtggtct ttgcaaccct 120
 tgtggtcatt gtggccttga tattaatctt cgtgggtgggt cctcgccatg gacagacaaa 180
 cattcttggt tacataacaa tctgctctgt aatcggcgcg ttttcagtct cctgtgtgaa 240
 gggcctgggc attgctatca aggagctgtt tgcagggaag cctgtgctgc ggcacccct 300

<210> 664
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 664
 tcgtttaggg aaccgccatt ctgcctgggg acgtcggagc aagcttgatt taggtgacac 60
 tatagaatac aagctacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag 120
 catggtaatc ctgctcagta cgagaggaac cgcaggttca gacatttggt gtatgtgctt 180
 ggctgaggag ccaatggggc gaagctacca tctgtgggag gaaggaggca ggctgtggtg 240
 ggactgggta gggatatagta tcactcctga gttccactgc tctagaatct aaccagaaat 300

<210> 665
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(298)
 <223> n = A,T,C or G

<400> 665
 cccgaggagc ggagcagagg caccagga gctgcgcg agaaattgga tcggcgggga 60
 cggcctgcag ctcccgcgcg cggggaaagg gaagaagtcc tcccctacaa agcaaattca 120
 caaacttgga agaagcaatt tacacaggat gtgcagatct caatggaagg acacgggaaa 180
 cgtgaaaaag caaggaagtg ggacgcctcc aaaggnnnnn nntaattctc cagcancaga 240
 tccccatcca aaaganattc aagaantgtc atatagagaa ttgtggaaac tgatttta 298

<210> 666
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 666
 gacagcccca atccgggagc aggagggcct cctgccttgg catatagacc cctggggcgcc 60
 tccctgggat gccaccagg ccagggatc cacctagggt gggttggtta tcttggtgat 120
 ggnnnnnnnn nnnntnaac ctntcttnt ntacnnnnn acnnctcatn tattntctc 180
 tannngntaan tntgnnnnnn tnncttntn ccaantagnn nnttngnnn ncnntcnnt 240
 naatntanat tntntnnnt nttntntna tt 272

<210> 667
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 667
 ggaacgcagc tgctcaccag caacggaaca aagctggacg gagaatgact ttgaagagct 60
 gagagaaggc ttcagacgat caaattactc tgagctacgg gaggacattc aaaccaaagg 120
 caaagaagtt gaaaactttg aaaaaataa atgtacatta attaacgtgg aatctggtga 180
 acagtaacaa actttggtga aatttcagga accatagcca ttgaagtgga tgagggaacc 240
 tatatacatg cactcaacaa tggctctttt accctgggag ctccacacaa agaagaatcg 300

<210> 668
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 668
 attaaaccgg tttctgtggg cacctctgtc cttgctgctg gtggggaagg gaagccagat 60
 ccagcacccc ctggggggcc atcgggagtg tggctggggg tgaagggggc tctgtggcaa 120
 tatgggggttg ggtagtgttg gtggcaggcc atcccccta atcttggaaac ctctgaatat 180
 gggacctccc acagcaaagg gtgacttttg tcattaagaa agactggggg ggggtgtgtg 240
 gctcacgcct gtaaccccag cactttggga ggccaagggt ggcagatcac gaggtcaaga 300

<210> 669
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 669
 agaggaccct gcagttaggg ggtgttactt tgctgcccag gatggcctgg acccccaggt 60
 tcagggattc tccgcgcgt gcttccctgag tagctgggac ctccaggctc cgctcgtgc 120
 ccgcacccct gctgtgttta ggcagcagg ggtgacctca ctccctcctg gcctgagctc 180
 tccgtcccg atcccaggcg gaggccctag ggaacacttt gaagctgagc acgggggtgga 240
 cctccctcc tgagtgaatg gagaatagaa agggagagga tttctgttct gttctgtggg 300

<210> 670
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 670
 acccgaggct cgggtgtacta ggtgcgaatg ccgccttctg tgggtgaccac tgtcttctca 60
 tcttttgcac ctataggagg tgagtgcctt tggggaagac ggcgagggcg acgacctgga 120

```

cctatggaca gtgcgctgct ctggacagca ctgggagcgt gaggctgctg tgcgcttcca      180
gcatgtgggc acctctgtgt tctgtcagc caccgggtgag cagtatggaa gcccaccccg      240
tgggcagcat gaggtccacg gcatgcccag tgccaacacg cacaatacgt ggaaggccat      300

```

```

<210> 671
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 671
ataatttggn gcatttcenn acantgtctt nncaaganta aaatgtgngc gccaaaattt      60
ngnatnttan tnggagantt nttatccaaa ntaangctgc cntaggaagt ctaaggaatt      120
agtagngttc ccacncttg tttggagtgn gctattctna aagaataagc aatgctcgtt      180
taggggaaccg ccattctgcc tggggacgct ggagaaagct tgatttaggt gacactatag      240
aatacaagct acttggtctt tttgcaggat cccatcgatt cgaattcggc acgagcagga      300

```

```

<210> 672
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 672
ggctctccct gagtgtcgag gaggacatga gtgaaatgac cagcgaactc attttttata      60
ggactcggtg aagccggatt ctgcatttcc ctacttgtag actcattttg tggaatagag      120
ttgatecgtg tctctccgc aaagcatttt aactcgaata agcaaagcc gcctctgttt      180
gaacgttttg gtatttacia gagagaaatc attttaccta agagaactaa ttgaattggc      240
agcatccttg aaatacctcc ggacaaggat ctgggggtgg ggggtggaaa gcaactgcga      300

```

```

<210> 673
<211> 285
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G

```

```

<400> 673
gtgagacagg ttagttttac cctactgatg atgtgttggt gccatggtaa tctgtctcag      60
tacgagagga accgcagggt cagacatttg gtgtatgtgc tacgtcgccc tggacttcga      120
gcaagagatg gccacggctg ctccagctc ctccctggag aagagctacg agctgcctga      180
cggccaggtc atcaccattg gcaatgagcc ggttacgctg cctgaggen nnnnnnnngc      240
cttnnttact ggcattgntg tctgttnntn cngnngagta cattc      285

```

```

<210> 674
<211> 292
<212> DNA
<213> Homo sapiens

```

```

<400> 674

```

gtcaatggtg	tacaagcaat	gctcgttttag	ggaaccgcca	ttctgcctgg	ggacgtcgga	60
gcaagcttga	tttaggtgac	actatagaat	acaagctact	tggtcttttt	gcaggatccc	120
atcgattcga	attcggcacg	agggggattc	ataattccag	acaggtagag	aacggtttta	180
tttatgtaga	gacagagtct	cgctctgtcg	ccaggctgag	gcgggagaat	cacttgaacc	240
tgggaggtgg	aggttgcgct	gagctgagat	cattacactg	cactccagcc	tg	292

<210> 675
 <211> 271
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 675						
canaccnatt	ctcnnttggc	aacnangatc	ganggggnac	ctagnnnann	nnnnnnnaa	60
tgacgcaa	gggcgttcca	ttgacgtaaa	tgggcggtag	gcgtgcctaa	tgggaggtct	120
atataagcaa	tgctcgttta	gggaaccgcc	attctgcctg	gggacgtcgg	agcaagcttg	180
atttaggtga	cactatagaa	tacaagctta	ctttgttctt	tttgcaggat	cccatcgatt	240
cgaattccgc	acatgaatct	ccccctctca	c			271

<210> 676
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 676						
aaatgatgac	agagagaacc	ctgttgaaag	agcgttacca	ggaggtcctg	gacaaacaga	60
ggcaagtgga	gaatcagctc	caagtgcgaat	taaagcagct	tcagcaaagg	agagaagagg	120
aaatgaagaa	tcaccaggag	atattaaagg	ctattcagga	tgtgacaata	aagcgggaag	180
aaacaaagaa	gaagatagag	aaagagaaga	aggagttttt	gcagaaggag	caggatctga	240
aagctgaaat	tgagaagctt	tgtgagaagg	gcagaaggta	actgatgtta	agaataaaaa	300

<210> 677
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 677						
gcgagccagg	attcccgatc	cagagacaat	ggccccgatg	ggatggagcc	cgaaggcgctc	60
atcgagagta	actggaatga	gattgttgac	agctttgatg	acatgaacct	ctcggagtc	120
cttnnnnnnn	ncttntange	ctatggtttt	gangaactnt	tnngttttat	tttntgttn	180
antnttngtn	gnctgntntg	ntnntgtngg	atngaganga	anantttctt	tntgngccat	240
gtgctgatgg	angntntntn	ttntcennatt	tnntnnntttt	natgtttttt		289

<210> 678
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 678

ggaccatgac	atctaggggc	tctgaacttt	ctccggggcg	cagcgtgacg	gctggcatca	60
tcattgttgg	agatgagatc	cttaagggac	acactcagga	caccaacacc	ttctttctgt	120
gccggacact	gcgctcccta	ggggtcacag	tttgccgagt	ctcagttgta	cctgatgagg	180
tagccacat	tgcagctgag	gtcacttctt	tctccaaccg	cttcacccat	gtcctcacag	240
cagggggcat	cgccccact	catgatgatg	tgaccttga	ggcagtgcca	caggccttgg	300

<210> 679

<211> 300

<212> DNA

<213> Homo sapiens

<400> 679

ttcaccaatg	acatgatctt	atagcgattc	tataaaaaca	gaataattaa	caaattcagc	60
aaagtgtgca	aatacaaaat	caacacacag	aaatcagttg	catttctata	tagtactagc	120
agtgaacact	tcatgaagga	aattagcagt	ttcatttaaa	tagcatcaca	tagaataaaa	180
tacataggaa	ttaaccaagg	aggtgaaaga	cttgtaacaca	gaaaactaca	aaatattgtt	240
gaaagaaatt	aaagaagaca	taattaaatg	gaaagacatc	ctgtgttcaa	ttatatccat	300

<210> 680

<211> 300

<212> DNA

<213> Homo sapiens

<400> 680

tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	60
tggccatggg	cccggtcacg	aacaaaacgg	gcctggacgc	ctcgccccctg	gccgcagata	120
cctcctacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	180
gcttcaggcc	cggctaactc	tggcacccccg	gatcgaggac	aagtgagaga	gcaagtgggg	240
gtcgagactt	tggggagacg	gtgtttgcaga	gacgcaaggg	agaagaaatc	cataacaccc	300

<210> 681

<211> 300

<212> DNA

<213> Homo sapiens

<400> 681

gggagactgg	ggtctatttc	acccctgcag	tctcgaccat	aagagatggc	tacaccaggg	60
ggggccagtt	cagagaccca	ctcccaggtg	tgcattctct	ttctcaagga	tgttccttgc	120
tgagaaaaag	aattcagtga	tatttctccc	atttgcttgt	gaaagaagag	aaatgtggct	180
ttgttccacc	tggctcaccg	gcggtcagaa	tttaagggtta	tctctcttgt	ttcctaaaca	240
ttgctgttat	cctgttcttt	tttcaaggtg	cccagatttc	atattgctca	aacacacatg	300

<210> 682

<211> 300

<212> DNA

<213> Homo sapiens

<400> 682

gatcagccca	cctcggcctc	acaaagtgtc	gggattacag	gcgtgagcca	ccttgcccag	60
cccacatcat	acagtttgaa	atgaaacttt	gccacaacca	gcctttgctg	tagcacacac	120
atatatcact	gaacctgttt	gaaataaaagt	ttttttcttt	tttcctctgg	tattctgggt	180
tctgaagtct	ggtattctgg	tattctgggt	tcaaaagtat	gacttgagag	tgttgctctg	240
gtattctgag	agttgctctg	tattctgggt	tctgaagatt	atttgaaaaa	taactcctac	300

<210> 683

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 683
 ggtacaccaa agaagaaagc tgttggtccag gctaagttga caaccactgg cccggtgact 60
 tctccagtga aaggcgctc atttgtcacc agtaccaatc cccggaaatt ttctggcttt 120
 tcagccaagc ccagagtga tttgggcata gtaatcagca aaagctacgg aataattcta 180
 agaattagat gtttccatat cattaaaacc aaggatccat gaggggcaga agggaggatt 240
 caaagatttt aaaaaaatca aatttttagac ctgtgttaaa tattaactgg aatgggatct 300

<210> 684
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 684
 agactccctt tcccgggtctg ctcaagtaacg ggtgccttcc cagacactgg cggtaccgct 60
 tgaccaaggg gccctcaagc ggcccttatg cgggcatgac agaaggctcc cctcttgctt 120
 tctattcact tctacaatg tcccttcagc acctgacctt atacctgccg gttattccta 180
 gggttatatta ttaatgcaac agagtaatat taaaagctaa tgattaataa tgtttataat 240
 aatgatggat aattgttcat gatcatcgct gtatctaatt tgtattatga ctattcttat 300

<210> 685
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 685
 ggagagaaac cttatggatg cattgactgt ggcaaggcct tcagccagaa gtcttgcctt 60
 gtatcacatc agagatatca tacaggaaag actccctttg tatgtcctga atgtgggcaa 120
 cctgtttcac agaagtcagg actcattaga catcagaaaa ttcactcagg agagaaaccc 180
 tataaatgca gtgactgtgg gaaagccttc cttacaaaga caatgctcat tgtacatcac 240
 agaactcaca cgggagagag accctatggc tgtgatgagt gtgagaaagc ttacttctat 300

<210> 686
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 686
 gggccgctca gtttttacgt aaaatggcag atccacagtc catccaggaa tcgcagaatc 60
 tgtccatgtt cctggccaat cataacaaga tcacacagtc tctgcagcag cagctcgaag 120
 tgattttctg ctacgaagag cctctagaac tatagttagt cgtattacgt agatccagac 180
 atgataagat acattgatga gtttggacaa accacaacta gaatgcagtg aaaaaatgc 240
 tttattttgtg aaattttgtg tgcatttgcg ttattttgtaa ccattataag ctgcaataaa 300

<210> 687
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 687
 gtctgccttc aagaagccag acaggaaggc cctgcctgcc ttggtctctga cctggcgggc 60
 agccagccag ccacaggtgg gcttcttctt tttgtggtga caacgccaag aaaactgcag 120
 agggcccagg gtcaggtgta agtgggtagg tgaccgtaaa acaccaggtg ctcccaggaa 180

```

ccccgggcaaa ggccatcccc acctacagcc agcatgcccc ctggcggtgat ggggtgcagag      240
ggatgagggca gccagggtggt ctgctgtggt ttgggagcct ataaagtgag actaggctgg      300

```

```

<210> 688
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (300)
<223> n = A,T,C or G

```

```

<400> 688
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga      120
gagagagaga gagagagaga gagnnnnnnn nnnnnnnnnn cncacnctct tntntcncgn      180
nnnnnntctc tctntgtntc nctctnngtg tnnanganatnt ntctctcttta tatntntntn      240
tntttntctc ctctnananno tctctctctc tntntgtgtc tctntcaenn cctctctctc      300

```

```

<210> 689
<211> 286
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (286)
<223> n = A,T,C or G

```

```

<400> 689
gtggtctctc cccctgtacc tagaaagcta tttgagctgg atccgtccct ctgatcgtga      60
cgcttccctt gaagaatttc ggacatctct gccaaagtct tgtgacctgt anctgccncc      120
ttttgaagag cttganctgg ttncctntg gnnnntcgnt ntgtntntct cntnntgtnc      180
nntctnanant nntnantttn natngntgna tnnntaange ntatntnttn ctntatnttn      240
tnngagnctn ttnnnntttt nnnntnatnc ttngtnatgn tcatta      286

```

```

<210> 690
<211> 272
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (272)
<223> n = A,T,C or G

```

```

<400> 690
aaannnaana agnnnnaagn aancnnttaa gagangaang atngangnna gnntntnaat      60
ngnaaggntn natnncnaca nntgntantc tcggatntaa tgtannccna tgaagnaaga      120
aaaccttgga ccttgatgat attcacacac attcaggaac ctgttttgat gtattatagg      180
caggaagtgt ttttgctacc gtgaaacctt tacctagatc agccatcage ctgtcaactc      240
agttaacaag ttaaggaccg aagtgtttca ag      272

```

```

<210> 691
<211> 300

```

<212> DNA

<213> Homo sapiens

<400> 691

ggcacgaggc	actaagcagg	ctagtgtctt	cagcttcccg	gcctccctt	ccaggccgct	60
gccgcctgac	cctgtgtcca	agagactcca	ggctgagctg	gctgaccgac	ccaatccccc	120
tacccgccct	ctgccgctg	acccgggtgt	gagaagcccg	aagtctcagg	ggccagccaa	180
gccccacccc	ccaaggaagc	cactgcctgc	cgacccccag	ggccgggtgc	catcggtga	240
cctgcccggc	ccaggggctg	gaatcccgc	cctagtggta	ccctccagac	cagcgccacc	300

<210> 692

<211> 300

<212> DNA

<213> Homo sapiens

<400> 692

aaaatgcctt	cattttcctt	tttactttat	catgagacat	aagatttatt	ggcttcatat	60
caacccttaa	gtattgttaa	ctttatgtaa	tagcatttgg	gttggggatt	ggtgtgtttt	120
cggttgtaca	tagcatagtt	gaattatgtt	aggcataatt	atgaccttat	tattgtcttt	180
atttgaaaat	tatatatgat	ctcaggaaat	gtgtatgagt	tcaagttgac	aaggagtgga	240
tttgggatgg	ttgatactga	gtgtcaactt	gattggattg	aagcatgcag	agtaataatc	300

<210> 693

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 693

ggctgtcgct	gacccaggag	aagctgcctg	tctacatcag	cctgggctgc	agcgcgctgc	60
cgccgcgggg	ccggcagcca	tggccaagga	catcctgggt	gaagcagggc	tacactttga	120
tgaactgaac	aagctgaggg	tgnnnnnnnn	nnnnnnntatt	cagcttatcc	taaacctgaa	180
agaagagtga	gtagacttta	aggatcaaga	taatctgggg	cttcccagtt	gtgtcggcca	240
aggacctgag	acctgaaggg	ttgactttac	ccatttgact	gggagtgttg	agcatctgtc	300

<210> 694

<211> 300

<212> DNA

<213> Homo sapiens

<400> 694

ccccggtgtc	cccgcgaggg	gcccggggcg	gggtccgccc	gccctgcggg	ccgccggtga	60
aataccacta	ctctgacgt	tttttcaatt	gaccgtggag	gcccccatgc	ccaagctagc	120
cacgcagtcc	aacgagatca	ccatcccagt	caccttcgag	tcgcggggccc	agcttggggg	180
cccagaagct	gcaaaatccg	atgagactgc	cgccaagtaa	accccttagc	ccggatgccc	240
acccctgctg	ccgccactgg	ctgtgcctcc	ccgccacct	gtgtgttctt	ttgatacatt	300

<210> 695

<211> 281

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(281)
 <223> n = A,T,C or G

<400> 695
 caggcgtact gacaggtgga ccaacggact gatttagaag agaacaagca tgcgctccct 60
 acattccagc cacatatcac aaacgactac ggtctggaca actttgacac acagtttnacc 120
 agngagcccg tgcanttgac cccanacgat nangatgcca tatagaggat ngaccagtcn 180
 nagttcgaag gntntganta tatccatcca ttattgctga ncnennanga ncnntnntc 240
 atntacntnt agtcnntntt ttngctntct cccnnccact c 281

<210> 696
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 696
 tttcggccaa ctagaggagt ctgaaggacc agacaattgc tcagaaacag aaggctgttt 60
 agaattttct aaattcatta agggcaattc tgggtacttt ctggaaaattg gctttaagag 120
 ctcatcctgc atttttaaaa tctctccaac tggatcaaatt tttttatata ctcgtttgat 180
 aggttttttt aaaacacatg actcttcagg actacaagca gtattagtct ggtttcctac 240
 agaagcctgt cctgaggaag aatttggtact agctggtctg gaacttaagt tagaaccac 300

<210> 697
 <211> 262
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(262)
 <223> n = A,T,C or G

<400> 697
 gtcagggctg gactgtgagc ctgtgcttgg gtcctggagg aggtgagggg ggtatacatt 60
 gatgagtttg gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt 120
 tgtgatgcta ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac 180
 aattgcattc attttatgtt tcaggttcag ggggaggtgt gnnnnnnnnnn nnnnnnnnnn 240
 nannntnnnn tanngnntna tg 262

<210> 698
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 698
 gggcgaaaaa gatgaccgaa attcaaactc ctgaaaatac tcctcgttta tttgatttag 60
 taaaagtaaa agatgagaaa attcgccaag ctttttattt tgctttacga gataccttag 120
 tagctgacaa cttggatcaa gccacaagag tagcatatca aaaagataga agatggagag 180
 tggttaacttt acaggggacaa atcatagaac agtcaggtac aatgactggt ggtggaagca 240

aagtaatgan nggaagaatg ggtncctcac ttgntattga aanctctgaa gaaga

295

<210> 699

<211> 300

<212> DNA

<213> Homo sapiens

<400> 699

agaaagtgtc	agcacagttt	gtgttggtga	tttgctactt	ccatagttta	cttgacatgg	60
ttcagactga	ccaatgcatt	tttttcagtg	acagtctgta	gcagttgaag	ctgtgaatgt	120
gctaggggca	agcatttgtc	tttgtatgtg	gtgaattttt	tcagtgtaac	aacattatct	180
gaccaatagt	acacacacag	acacaaagtt	taactggtac	ttgaaacata	cagtatatgt	240
taacgaaata	accaagactc	gaaatgagat	tatttttggt	cacctttctt	tttagtgtct	300

<210> 700

<211> 300

<212> DNA

<213> Homo sapiens

<400> 700

aagtagagga	ggaagtccag	acaatttcat	aagtgtctaa	aaagagacag	ttatgcgacc	60
attgacgagg	agtaaaagtc	gtctattgag	catcttattc	actacaaata	gaagaaagaa	120
ataccagttt	cctgacaagc	cccaccccat	gcttgccag	ttcctgagta	cacttaatat	180
attttagagg	aaaagatgct	agaaccacag	gagaatggcg	tgattgacct	accagattat	240
gagcatgtag	aagatgaaac	tttctctctt	ttcccacctc	cagcctctcc	agagagacaa	300

<210> 701

<211> 300

<212> DNA

<213> Homo sapiens

<400> 701

gtggtcttca	gtctgtcgtg	caccgatgag	aactctcctt	attgctgtga	agggcagaca	60
atgcatggct	gatctactct	gttaccaatg	gctttactag	tgacacgtcc	cccggcttag	120
gatcgaaatg	ttaacaccgg	gagctctcca	ggccacccac	cggagagagc	gtcgcgctgt	180
ggcctgaagt	ggcgcaagct	tgctttgtaa	atatctgtgg	tcccgatgta	gtgccagaa	240
cgtttggtcg	aggcagctct	gcgcccgggt	tccagcccca	gcctcgccgg	gtcgccgtct	300

<210> 702

<211> 300

<212> DNA

<213> Homo sapiens

<400> 702

ggcgtgccta	atgggaggtc	tatataagca	atgctcgttt	agggaaaccgc	cattctgcct	60
ggggacgtcg	gagcaagctt	gatttaggtg	acactataga	atacaagcta	cttgttcttt	120
ttgcaggatc	ccatcgattc	gaattcggca	cgaggaagga	ggacctaggc	acacacatat	180
ggtggccaca	cccaggaggg	tagtggggag	ttagatttca	gagtcagggc	cctagggttg	240
gaccactcc	aaataatctc	ctcgggtgtg	gtggtggttc	tatagaggga	taaagaataa	300

<210> 703

<211> 300

<212> DNA

<213> Homo sapiens

<400> 703

```

ccaaggcgca gcccgattct gcccctacg attgggttcgg ggactttctcc tctttccgtg      60
ccctcctaga gccggagctg cggcccgagg accgtatcct tgtgctaggt tgcgggaaca      120
gtgccctgag ctacgagctg ttctctggag gcttccctaa tgtgaccagt gtggactact      180
catcagtcgt ggtggctgcc atgcaggctc gctatgccca tgtgcgcgag ctgcgctggg      240
agaccattga tgtgcggaag ctggacttcc ccagtgettc ttttgatgtg gtgctcgaga      300

```

```

<210> 704
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 704
gagaagctga ccttggacct gacggtgctc ctgggtgtgc tgcaggggca acagcagagc      60
ctacagcagg gggcacactc caccggctcc agccgcctgc acgacctcta ctggcaggcc      120
atgaaaaccc tgggagtcca gcgccccaa gttggagaaga aggatgcca ggagatcccc      180
agtgccaccc agagcccat cagtaagaag cgggaagaaa agggattctt gccagagacg      240
aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca      300

```

```

<210> 705
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 705
agtccacatt aaaaagaaaa caaaacaaac cctaactaac ttccaaatgg gtctcctggg      60
gcggggggcgt gagtggccgt gccctgggtg tgctgcctgt ctgagcaagc ttccctagct      120
gaggaacccc gggccccctg ctgcgggctc tgccttgggtg tcatgcctgc tgcacccccg      180
tttacactga tgtgccannn nnnnnntgg nggtttggag cnnacatgct actggtcnaa      240
nnacacangt nccggggcat catgagaaag gntngntctt ggnaccttgt cctccccagt      300

```

```

<210> 706
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 706
ccgcagaggg cctggaagag gtgctcacca cgccagagac tgtgctcaca ggccacacgg      60
agaagatctg ctccctgcgc ttccaccac tggcagccaa tgtgctggcc tcgtcctcct      120
atgacctcac tggtcgcac tgggaccttc aggctggagc tgatcggctg aagctgcagg      180
gccaccaaga ccagatcttc agcctggcct ggagtcctga tgggcagcag ctggccactg      240
tctgcaagga tgggcgtgtg cgggtctaca ggccccggag tggccctgag cccctgcagg      300

```

```

<210> 707
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 707
tggagggtctc ctttcgcccc agcccagggtg gccaaagccca tcttggcctc agaacatgct      60
gagcacattt tgtagggtgg caccctttta tccaagttac tagctacaca tcagtgttta      120
aagagaaaaa agtgaccttt catttttttt tcttgaaact tgaggaaaca agatacatac      180

```

```
tactgatttt ttttttctta aaactaaatg catgactgca gagcggtaga ggtgtatatt 240
tttcatactg tggggcaaag tatttgtgct gctttttgga gatggactgg aacgtctggt 300
```

```
<210> 708
<211> 300
<212> DNA
<213> Homo sapiens
```

```
<400> 708
aaaaacagtg cattagcaat ttcatagcaa gtgcatgcac taggaaaaga aaactctgtc 60
tacaagttta ttagcagaag tgggtggtctg ctagacaaat aattttgcaa aatttttcta 120
catctaagtt acctcatcag taagtgccat gtctctacca tgccatcaga ggctaatttc 180
ctgtaaaagt tgtggaaatt gttagaacaa tagaaaaata gagcagtgtg tgtgtgccaa 240
aactcatcat tactcaaagg agaactgtgt taggcacatt taagaaagtt tacatctgac 300
```

```
<210> 709
<211> 285
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(285)
<223> n = A,T,C or G
```

```
<400> 709
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
gagagagaga gagagagaga gagagagaga gagagagaga gannnnnnnn nggtcttctc 180
ntgcntgatg cctcttntca ctgcctggan ccctgntnna ngccctcgna tctccentgc 240
tnccngcctt ttnnttngan cctggtggtc tctctccca ttgct 285
```

```
<210> 710
<211> 275
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G
```

```
<400> 710
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 60
gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga gagagagaga 120
gagagagaga gagagagaga gagagagaga gagagagaga gannnnnnnn nnnngngngcn 180
ctcccgcgcg cnnngctnnc ncncntntnn tctctctctc tcgngcnccc ccncncccc 240
cnnacacnn nnnacagang nnnctctctc tntnt 275
```

```
<210> 711
<211> 266
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
```

<222> (1)... (266)
 <223> n = A, T, C or G

<400> 711
 ataacacaga ctttcaagga ccaaggattg gaggttttaa agcaggaaac agcagttgtt 60
 gaaaacgtcc ccattttggg actttatcag attccagctg aggggtggagg ccggattgta 120
 ctgtatgggg actccaattg cttggatgac agtcacgac tgaaggactg cttttggctt 180
 ctggatgccc tnnnnnnnnn nnnntngtgt gngtgnnnn nntanctnnn nnnntttngg 240
 nnctnnnnnt gnnnttntnn nnnnct 266

<210> 712
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 712
 gtgtggaacc tgcaggcct ctagatgtgc tgggccccag tctccaaggg cgagaatgga 60
 ccttgatgga cttggacatg gagctgtcct tgatgcagcc cttggttcca gagcgggggtg 120
 agcctgagct ggcgggtcaag gggttaaatt ctccaagccc aggtaatggt tgtgatgact 180
 cctacctggg aggcgcctg gattgggctg agctacctg attgagttag ggggcaatct 240
 gcaatttgca gggaaatcct gagttcaggc tgcactgcag agcgttcctt gagccacca 300

<210> 713
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 713
 tgtggagaag ctttcttttt ctatgggaaa tcacttctgg agttggcaag aatggagaat 60
 ggtgtgttgg gaaacgcctt ggaagggtgt catgtggaac atcattctca ccaccagtct 120
 cttctctgtg ctttcttctc tgacgtggag tgtggtgaac tcagtgcatt gggccaatgg 180
 ttgcacacag gctctgccag ccacaacat cctgctgctt ctgacgggtt ggctgctggg 240
 gggctttccc ctactgtca ttggaggcat ctttgggaag aacaacgcca gccccttga 300

<210> 714
 <211> 291
 <212> DNA
 <213> Homo sapiens

<400> 714
 gttttgctcg tttagggaac cgcattctg cctggggacg tcggagcaag cttgatttag 60
 gtgacactat agaatacaag ctactgttc tttttgcagg atcccatcga ttcgaaattcg 120
 gcacgaggtt atgtctggct gtagctgttg gtcacgtgaa gatgacagac gatgagcttg 180
 tgtataacat tcacctggct gtcaacttct tgggtgcatt gctcaagaaa aactggcaga 240
 atgtccgggc cttatatatc aagagcacca tgggcaagcc ccagcgcta t 291

<210> 715
 <211> 294
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (294)
 <223> n = A, T, C or G

<400> 715

tccctccangg	cctgtggttgt	gaaaaaggtc	gaggccctctg	atgggaagct	ggtgtctgag	60
tccctctgacg	tcctgcccc	gtgcacaagt	tcggcagccc	ctcccagcct	tcccctcctg	120
cgctgcccc	gagcctggga	aggaggccgc	tttgagggt	agcactggga	acagggaacc	180
ccccgaggg	tccgcccctag	cccttagccc	gcctggggag	tttacttcc	ggggaccccc	240
cttgcccctg	cctccagcta	caacaccatt	ccattgcttt	tttttttgg	ccag	294

<210> 716

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 716

ggtagttaag	cccccccaaa	acaagacgga	aagtgaaaat	acttcagata	aacccaaaag	60
aaagaaaaag	ggaggcaaaa	atggaaaaaa	tagaagaaac	agaaagaaga	aaaatccatg	120
taatgcagaa	tttcaaaatt	tctgcattca	cggagaatgc	taatatatag	agcacctgga	180
agcagtaaca	tgcaaatgtc	agcaagaata	tncgntnaan	gganctgttn	atgctanttn	240
ananataatc	nnagctggan	aggagcttt	ttaagcttaa	nnnaatgtt		289

<210> 717

<211> 300

<212> DNA

<213> Homo sapiens

<400> 717

cgacgggcaag	gtggtgctgt	cccggcagta	cggctcggag	ggccgcttca	cggtcacctc	60
ccacacgccc	ggtgaccatc	aaatctgtct	gcactccaat	tctaccagga	tggctctctt	120
cgctggtggc	aaactgcggg	tgcatctcga	catccagggt	ggggagcatg	ccaacaacta	180
ccctgagatt	gctgcaaaaag	ataagctgac	ggagctacag	ctccgcgccc	gccagttgct	240
tgatcagggtg	gaacagattc	agaaggagca	ggattaccaa	aggtatcgtg	aagagcgctt	300

<210> 718

<211> 300

<212> DNA

<213> Homo sapiens

<400> 718

gggggggattc	cactcctgtt	ttgtgagtag	gcgacccatg	ggctgcccag	ccttaaagcc	60
agaacaaggg	tgtcccctga	cctcggtcca	ctgcccctct	cccgttccca	tctttccccc	120
ctaccttccc	cttaggcacg	tctgagaatg	gtggatgtgg	tggagaaaga	agatgtgaat	180
gaagccatca	ggctaattga	gatgtcaaag	gactctcttc	taggagacaa	ggggcagaca	240
gctaggactc	agagaccagc	agatgtgata	tttgccaccg	tccgtgaact	ggtctcaggg	300

<210> 719

<211> 300

<212> DNA

<213> Homo sapiens

<400> 719

gtcgggtctc	caacctcatt	aagcaccaca	gggttcacac	tggagagaag	ccctataagt	60
gcagtgactg	tgggaaagca	tttagtcaga	gctccagcct	tattcagcat	cggagaattc	120

```

aacttgagaa aaagcctcac gtgtgtaatg tatgtggaaa agccttttagt tatagctcag      180
tgctccgaaa gcaccagatc atccacacgg gagagaagcc gtacagatgc agtgtctgtg      240
ggaaggcctt cagccacagc tcagccctca ttcagcacca gggcgtgcac acaggcgaca      300

```

```

<210> 720
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 720
gtggctatcc atcaacataa gtaaaaaaaaa aaaacacttc aactccctcc cccatttann      60
nnnnnnntta acatatTTTA aaaatcanat gagttntata aataatttaa anaagngaga      120
gtattttatt ttggcatgtt tggcccacca cacanactnt gngtgtgtat gtgtgngttt      180
atatgtgtat gtgngtgaca naaaaatntg taaanaanag gcncatntat ggntactgnt      240
caaatnctta aagataantt nattttcaca cagtcacaa ggggtatatc ttgtagtttt      300

```

```

<210> 721
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 721
gtttgtgcat cacttggtca ccattgggct tatctccttc tcctacatca acaatatggt      60
tcgagtggga actctgatca tgtgtctaca tgatgtctca gatttcttgc tggaggcagc      120
caaactggcc aattatgcca agtatcagcg gctctgtgac accctttttg tgatcttcag      180
tgctgttttt atggttacac gactaggaat ctatccattc tggattctga acacgaccct      240
ctttgagagt tgggagataa tcgggcctta tgcttcattg tggctcctca atggcctgct      300

```

```

<210> 722
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 722
acaacattca gcatgcagac ccgccagtgc agatccttta caaccgcacc atgggtgcagc      60
tgggcatctg tgcttccgc caaggcctga ccaaggacgc acacaacgcc ctgctggaca      120
tccagtgcag tggccgagcc aaggagcttc tgggccaggg cctgctgctg cagccccagc      180
taagggtgaa gccaaggaag agtcggagga gtcggacgag gatatgggat ttggtctctt      240
tgactaatca ccaaaaagca accaacttag ccagttttat ttgcaaaaca aggaaataaa      300

```

```

<210> 723
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 723
gcaaggcgcc gggggacacg ttggctgcgt tttcggcgga ctggccgggt acaaaaatgg      60
ctgtggctag cgatttctac ctgcgctact acgtagggca caagggaag tttgggcacg      120
agtttctgga gttcgaattt cggccggacg gaaagcttag atatgccaac aacagcaatt      180
acaaaaatga tgtgatgatc agaaaagagg cttatgtgca caagagtgtg atggaagaac      240
tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc      300

```

<210> 724
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 724
 agaaaacaac ttggcatttc tatactttac agggaaaaaa attctgttgt tccattttat 60
 gcagaagcat attttgctgg ttgaaagat tatgatgcat acagttttct agcaattttc 120
 tttgtttctt ttacagcat tgtctttgct gtactcttgc tgatggctgc tagatttta 180
 tttatttggt tccctacttg ataataattag tgattctgat ttcagttttt catttgttt 240
 gcttttggtt ttttctcat gtaacattgg tgaaggatcc aggaatatga ctcaaagggg 300

<210> 725
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 725
 tgtagaggag gtgaggaaat actttaatgt gttggaaacc atgggtttga acagaagata 60
 cgcataatga gtggggaatg gaaagaaac tttgtgtac atttactgta aattatatct 120
 tattgattca gtaaattcag gtggaatacg gaagttcaaa tttaaagatt acccatggac 180
 tccgacctc aggtgatcca cccgcctcag cctccagtg ggctgggatt acaggtgtga 240
 gccaccatgc ccagcctcat cattcttatt aactggttta atcctttcaa taatcctatt 300

<210> 726
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 726
 tcggcacgag ggcaagggac ttctgtaac aatgcattct atatttggaa tgacccagtc 60
 ctctcccaag tccacacagg ggaggtgata gcattgcttt cgtgtaaatt atgtaatgca 120
 aaattttttt aatcttcgcc ttaatacttt tttattttgt tttattttga atgatgagcc 180
 ttctgtgccc ccttccccc tttttgtcc cccaactga gatgtatgaa ggcttttggt 240
 ctccctggga gtgggtggag gcagccaggg cttacctgta cactgacttg agaccagttg 300

<210> 727
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 727
 cgctcgctct cattggctct gctgggtccag aaagcagccc aggcctttaa ctccgggctg 60
 ctgtgtgtgg catgtggttc ataccgacgg ggaaaggcga cctgtggtga tgtcgacgtg 120
 ctcatcactc accagatgg ctgggtccac cggggtatct tcagccgcct ccttgacagt 180
 ctctggcagg aagggttcct cacagatgac ttggtgagcc aagaggagaa tggtcagcaa 240
 cagaagtact tgggggtgtg ccggctccca gggccagggc ggcggcaccc gcgcctggac 300

<210> 728
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 728
 atagtcagaa aacaacctgg catttctata ctttacagga aaaaaaatc tgttggtcca 60
 ttttatgcag aagcatattt tgctggtttg aaagattatg atgcatacag ttttctagca 120

```

atctctcttg tttctcttta cagcattgtc ttgtctgtac tcttgctgat ggctgctaga      180
ttttaattta ttgttttccc tacttgataa tattagtgat tctgatttca gtttttcatt      240
tgttttgctt ttgttttttt cctcatgtaa cattggtgaa ggatccagga atatgacaca      300

```

```

<210> 729
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 729
gtccaggctt ccttctgatg gccaacccac ctttaatgct ggccagtcta tctcacacaa      60
agttctaagt ttccagggtg tcatagtaac tccatagtct cccttaaate cctttttgaa      120
atctttcaac atagtctcta gtgggatggg cttaactttgt gcctgaccca tgtttttctca      180
agacaaaaca ccatggcagg aacagccact tgcactctggg ccggttgcca cactgcgggtg      240
cttggtgtgg ttgtggagcc tgtccctgcy cgccttgctc ccgttgagcc acgctgtctg      300

```

```

<210> 730
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 730
gataaatacc tcagcccctc gccttctctc acccacctgg caagtcttct taggatctga      60
tccagttttt ctggaagcaa tctaccccca gcccaagctt ccagagtcg agccttaate      120
cttctcactt ctcagtgtca gagcagaaat gaatcctggg gttgactgtg tccattcggg      180
ttattagcag ctaagaagcc cagacgagta gtgtgagctg ccttgggagc ctcagtgagg      240
gcactgggac tggcctcact ctcttgcccc cagcctagtg ggcttttctc tctgtctctc      300

```

```

<210> 731
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 731
gtccatacat ggagctccct ggagcccgtg tgctctcgtg tgactgaacg ttttgtgatg      60
aaaggaggag aggtgtctct cctttatgag gagccagtgt ctgaattgct gaggagatgt      120
gggaattgca cacgggaaag ctgtgtgggt tccctttacc ttccagctga ccatgaactc      180
ctgagcccga ccaactacca ctctctgtcc tcaccgaagg aggcctggg gctctgcaag      240
gcgcagatca ctgccatcat ctctcagcaa ggtgacatat ttgtttttga cctggagacc      300

```

```

<210> 732
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 732
cactgggttc caagttgctt tgctgaataa ggatttgaag ccacagacat ttagaaatgc      60
ttatgacata ccaagacgaa atcttttgga tcaacttaaca agaattgagat ctaatctttt      120
gaagagcact cgcagatttc tgaaaggaca ggacgaagat caagtgcaca gtgttcctat      180
agcacaaatg gggaactacc aggaatacct caagcaagta ccttctccac taagagaact      240
tgatcctgat cagccacgaa ggttgcatat atttggcaac ccctttaagc tggataagaa      300

```

```

<210> 733
<211> 300
<212> DNA
<213> Homo sapiens

```


<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 733
 ggcgcccttg ccccgctgct gagccacggc caggteccact tcctatggat caaacacagc 60
 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcan caagctggag 300

<210> 734
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 734
 ggcgcccttg ccccgctgct gagccacggc caggteccact tcctatggat caaacacagc 60
 aacctctact tgggtggccac cacatcgaag aatgccaatg cctccctggt gtactccttc 120
 ctgtataaga caatagaggt attctgcgaa tacttcaagg agctggagga ggagagcatc 180
 cgggacaact ttgtcatcgt ctacgagttg ctggacgagc tcatggactt tggcttcccg 240
 cagaccaccg acagcaagat cctgcaggag tacatcactc agcagagcaa caagctggag 300

<210> 735
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 735
 ggcaacaagga cctcctgcc aacctgtttg aagacatgga cctcaacaag gatggcgagg 60
 tccctccgga ggagtctcc accttcacatc aggtcgaagt gaggtagggc aaaggacgcc 120
 tcatgctgga gcaggaccct gagaaaacca taggagacat gttccagaac caggaccgca 180
 accaggacgg caagatcaca gtcgacgagc tcaagctgaa gtcagatgag gacgatgagc 240
 ggggtccacga ggagctctga ggggcaggga gcctggccag gcctgagaca cagaggccca 300

<210> 736
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 736
 ttcaagcccc cagcctacga ggatgtggtt caccgcccag gcacaccacc ccccccttat 60
 actgtggccc caggccgccc cttgactgct tccagtgaac aaacctgctg ttctctctca 120
 tccagctgcc ctgcccactt tgaagggaaca aatgtggaag gtgtttcctc ccaccagagt 180
 gccccccctc atcaggaggg tgagcccgnn nnnnnntga cccctgcctt cacaccccc 240
 tcttgccgct atgccgttta actggcgact ccggtattga gctctgcctt tgtcctgcct 300

<210> 737
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 737

agaaccatca	tgggctggac	attggacttc	ctccgggagc	ggctgttggg	ctggatccaa	60
gaccaggggtg	gttgggacgg	cctcctctcc	tactttggga	cgccacgtg	gcagaccgtg	120
accatctttg	tggcgggagt	gtcacccgcc	tcactcacca	tctggaagaa	gatgggctga	180
ggccccagc	tgccttggac	tgtgtttttc	ctccataaat	tatggcattt	ttctgggagg	240
ggtggggatt	gggggacatg	ggcatttttc	ttacttttgt	aattattggg	gggtgtgggg	300

<210> 738

<211> 300

<212> DNA

<213> Homo sapiens

<400> 738

gaatgacatt	catgccagtt	cttccctgaa	tggcagaagc	actgaagaag	taaggcccat	60
tgatgaaaac	ttggggcaaa	ctggaaaatc	tgctgtttgc	attcaccaag	atataaatga	120
tgatcatgtt	gaatatgtta	caggaattca	gcatttgaca	agcgattcag	acagtgaagt	180
ttattgtgat	tctatggaac	aatttggaca	agaagagtct	ttagacagct	ttacgtccaa	240
caatggacca	tttcagtatt	acttgggtgg	tcattccagt	caacccatgg	aaaattcttg	300

<210> 739

<211> 300

<212> DNA

<213> Homo sapiens

<400> 739

cgggactggg	accaccgcat	cgacccacc	gtgctgctgg	gcgcgctgcg	cgttgcgagg	60
cttgacgcgc	cagctggtac	aggacgagaa	cgtgcgcggg	gtgatcacca	tgaacgagga	120
gtacgagacg	aggttcctgt	gcaactcttc	acaggagtgg	aagagactag	gagtcgagca	180
gctgcggctc	agcacagtag	acatgactgg	gatccccacc	ttggacaacc	tccagaaggg	240
agtccaattt	gctctcaagt	accagtcgct	gggccagtgt	gtttacgtgc	attgtaaggc	300

<210> 740

<211> 300

<212> DNA

<213> Homo sapiens

<400> 740

gtacgagagt	ctgttgaaca	acaggctgat	agtttcaaag	caacacgttt	taaccttgaa	60
actgaatgga	agaataaact	atcctcgctt	gcgggaactt	gaccggaatg	aactatttga	120
aaaagctaaa	aatgaaatcc	ttgatgaagt	tatcagtctg	agccagggtta	cacccaaaaca	180
ttgggaggaa	atccttcaac	aatctttgtg	ggaaagagta	tcaactcatg	tgattgaaaa	240
catctacctt	ccagctgcgc	agaccatgaa	ttcaggaact	tttaacacca	cagtggatat	300

<210> 741

<211> 300

<212> DNA

<213> Homo sapiens

<400> 741

cagtcccttca	atgccgtcgt	caattacacc	aacagaagtg	gagacgcacc	cctcactgtc	60
aatgagttgg	gaacagctta	cgtttctgca	acaactgggt	ccgtagcaac	agctctagga	120
ctcaatgcat	tgaccaagca	tgtctcacca	ctgataggac	gttttgttcc	ctttgctgcc	180
gtagctgctg	ctaattgcat	taatattcca	ttaatgaggc	aaagggaaact	caaagtgggc	240
attcccgtca	cggatgagaa	tgggaaccgc	ttgggggagt	cggcgaacgc	tgcgaaacaa	300

<210> 742
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 742
 ggctagcgat ttctacctgc gctactacgt agggcacaag ggcaagtttg ggcacgagtt 60
 tctggagttc gaatttcggc cggacggaaa gcttagatat gccacaaca gcaattacaa 120
 aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180
 gagaattatt gatgacagtg aaattacaaa agaagatgat gctttgtggc ctccccctga 240
 tagggttggc cgacaggagc ttgaaattgt aattggagat gagcacatat cttttaccac 300

<210> 743
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 743
 ggatcctttc cagacagaag accccttcaa atctgaccca tttaaaggag ctgacctt 60
 caaaggcgac ccgttcagaa atgacctt tgcagaacag cagacaactt caacagatcc 120
 atttgagggg gaccttttca aagaaagtga cccattccgt ggctctgcca ctgacgactt 180
 cttcaagaaa cagacaaaga atgacctt tacctcggat ccattcacga aaaaccttc 240
 cttaccttcg aagctcgacc cttttgaatc cagtgatecc ttttcatect ccagtgtctc 300

<210> 744
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 744
 agaaaatgtg ggatcaagaa aaggaccatt tgaaaaagtt caatgagttg atggttatgt 60
 tcagggtccg gccaacagtt ctgatgccct tgtggaacgt gctggggttt gactggggg 120
 cggggaccgc cttgctcggg aaggaagggtg ccattggcctg caccgtggcg gtggaagaga 180
 gcatagcaca tctactaac aaccagatca ggacgctgat ggaggaggac cctgaaaaat 240
 acgaggaact tcttcagctg ataaagaaat ttccggatga agagcttgag caccatgaca 300

<210> 745
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 745
 attcatgcca gttcttccct gaatggcaga agcactgaag aagtaaagcc cattgatgaa 60
 aacttggggc aaactggaaa atctgctgtt tgcattcacc aagatatataa tgatgatcat 120
 gttgaagatg ttacaggaat tcagcatttg acaagcgatt cagacagtga agtttactgt 180
 gattctatgg aacaatttgg acaagaagag tcttttagaca gctttacgtc caacaatgga 240
 ccatttcagt attacttggg tggtcattcc agtcaaccca tggaaaattc tggatttcgt 300

<210> 746
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)

<223> n = A,T,C or G

<400> 746

ganancncag	atcnenttga	aatgcctctc	ttttaataaa	cgtttccctt	gttcactatt	60
gcctgctagt	tcattcttga	aatccttggc	tttaagctcc	aacttagtcc	tctgcttaat	120
ctgctcttgt	ctttcagcac	taagctgttc	ttttcttctt	ttcatagctg	aaatttttgt	180
tttcaattct	ctaacttggc	gttcgatata	ctccatttta	tctcttgcat	cctgctgagc	240
atctcttaat	tgtctggatt	tttctccact	agtctctcgc	ttagcagaaa	gctcatcaag	300

<210> 747

<211> 300

<212> DNA

<213> Homo sapiens

<400> 747

ccgaagaaat	ataacacatt	ttggacctac	aactcttaga	tcaactcttg	cctatgggat	60
gctcaggctc	tgtgatcttc	taccttatga	tataatagtc	gatccaatgt	gtggaactgg	120
ggcaatacca	atagaggggg	ccactgaatg	gtctgactgc	ttccatattg	ctgggtgataa	180
taatccactg	gctgtgaata	gagcagcaaa	taacattgca	tctttattga	ccaagagcca	240
aattaaagaa	ggcaaaccct	cctggggcct	gcccatagat	gctgttcagt	gggatatactg	300

<210> 748

<211> 300

<212> DNA

<213> Homo sapiens

<400> 748

attctctcaa	taatggccag	ccgaaaagta	cgcgctgcc	ggcatctgcc	tccgcggagt	60
cattaaactc	ccacagtggg	cacccactg	ctgatgtaca	gactttccag	gcaaagcgcc	120
atattcatca	acaccgtcag	tcttactgta	attataacac	tggaggctcag	ttagagggca	180
atgcagccac	ttctatcag	aagcagactg	acaaaccag	ccactgtagc	cagtttgtga	240
cacctccgcg	gatgaggaga	cagttctcag	caccaatct	caaagctggg	cgagaaacca	300

<210> 749

<211> 300

<212> DNA

<213> Homo sapiens

<400> 749

tttacaatca	ggaacttaac	gagactcgtg	ccaaacttga	tgagctttct	gctaagcgag	60
agactagtgg	agaaaaatcc	agacaattaa	gagatgctca	gcaggatgca	agagataaaa	120
tggaggatat	cgaacgccaa	gttagagaat	tgaaaacaaa	aatttcagct	atgaaagaag	180
aaaaagaaca	gcttagtgct	gaaagacaag	agcagattaa	gcagaggact	aagttggagc	240
ttaaagccaa	ggatttaca	gatgaactag	caggcaatag	tgaacaaagg	aaacgtttat	300

<210> 750

<211> 300

<212> DNA

<213> Homo sapiens

<400> 750

gacagacct	acttccagca	ttcccaaacc	tctgcttcca	gttggaaca	aacctttaat	60
ttggtaccca	ttgaacctgc	ttgagcgtgt	tggatttgaa	gaagtcattg	tggttacaac	120
cagggatgtt	caaaaggctc	tatgtgcaga	attcaagatg	aaaatgaagc	cagatattgt	180
gtgtattcct	gatgatgctg	acatgggaac	tgcagattct	ttgcgctaca	tatatccaaa	240
acttaagaca	gatgtgctgg	tgctgagctg	tgatctgata	acagacgttg	ccttacatga	300

<210> 751
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 751
 gttgtatttg aaagcagtag tgtggacgaa ttgcgagaga agcttagtga aatcagtggg 60
 attccttttg atgatattga atttgctaag ggtagaggaa catttccctg tgatatttct 120
 gtccttgata ttcatacaaga ttttagactgg aatcctaag tttctaccct gaatgtctgg 180
 cctctttata tctgtgatga tggcgcggtc atattttata gggataaaac agaagaatta 240
 atggaattga cagatgagca aagaaatgaa ctgatgaaaa aagaaagcag tcgactccag 300

<210> 752
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 752
 aaagaactgt ctcacgcaac cattgattct aaaactggcg atttagggga catcaatgct 60
 gacagcttc ctgggaggga acatcttaac gaacctggta ctagagaagg acagactcgt 120
 ctaatcagag atggggagaa agtcgaagcc tatcagtggg gtgttagtga agggagggtg 180
 ataaaaattg gtgatgttg tggctcatct ggtgctaata agcaaaccatc tggaaaagtt 240
 ttatatgaag ggaaagaatt tgattatggt ttctcaattg atgtcaatga aggtggacca 300

<210> 753
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 753
 gacagactcg tctaatacaga gatggggaga aagtcgaagc ctatcagtgg agtgtagtg 60
 aaggagggtg gataaaaatt ggtgatgttg ttggctcatc tggcgctaata cagcaaaccat 120
 ctggaaaagt ttatatgaa gggaaagaat ttgattatgt tttctcaatt gatgtcaatg 180
 aagggtggacc atcatataaa ttgccatata ataccagtga tgaccttgg ttaactgcat 240
 acaacttctt acagaagaat gatttgaatc ctatgtttct ggatcaagta gctaaaattta 300

<210> 754
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 754
 cagagatcaa acaattgtag atcccttcag ttcaaaacat aatgtgattg tgggcagaaa 60
 tggatctgga aaaagtaact ttttttatgc aattcagttt gttctcagtg atgagtttag 120
 tcatcttcgt ccagaacagc ggttggttct attgcatgaa ggtactgggc ctctgtgttat 180
 ttctgctttt gtggagatta tttttgataa ttcagacaac cggttacca tgcataaaga 240
 ggaagtttca cttcgaagag ttattgggtc caaaaaggat cagtatttct tagacaagaa 300

<210> 755
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 755
 cagcggatgg ccgaaaaatct aggtcttcgtt gggcctttga aaagccaggc tgcagatcaa 60
 attacgaagc tgtataatct ctctctgaaa attgatgcta ctcaggtgga agtgaatccc 120

```

tttgggtgaaa ctccagaagg acaagttgtc tgttttgatg ccaagataaa ctttgatgac      180
aacgcagaat tccgacaaaa agacatattt gctatggacg acaaatacaga gaatgagccc      240
attgaaaatg aagctgccaa atatgatcta aaatacatag gactagatgg gaacattgcc      300

```

```

<210> 756
<211> 191
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

```

```

<400> 756
cccagctcct tgggaggctg aggcgggaga attgcttgaa cccggggacg gaggttgcag      60
tgagccgaga tcgcactgct gtacccagcc tgggccacag tgcaagactc catctcaaaa      120
aaaaaaaaann aaaaaaaaaan ccctgttaan nncannngtn taagngaatn gttnangnct      180
ttaaannagg t                                     191

```

```

<210> 757
<211> 179
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

```

```

<400> 757
caaataagtt aaatgtatat ggcattggat tggaattgga ggtatcagtg tgaactcatg      60
gttttggggt ttttgttttt tgcctttttt gttttgtttt tgttttttga ggcaggggtgt      120
cactctgttg ccaggtctgg agtgcattag ncaccatnac agntnagcac annctatgc      179

```

```

<210> 758
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 758
caacagtccc aaccagtcga attagaccca tttgggtgctg ctccatttcc ttctaaacag      60
tagatacttc tgatggattc tcggcattaa ctctgttttc ataaaagtgt gaacagtttt      120
atgaatttga aagaaaaattt ggtagctctt tatagcattc attcttaaag atcagtccta      180
ataggtgatn tntaaatnnn ccanntanaa gaatgaagcn tctctacngg gtagtaactt      240
gatncctctt nagganaana gggngctaaa tngcaagctc tnactaatgg ttctgctact      300

```

```

<210> 759
<211> 62
<212> DNA
<213> Homo sapiens

```

<400> 759
 ggggtatcag ttactggatc taagcatgtc cactctacac gctttttttt tttttttttt 60
 tt 62

<210> 760
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 760
 cacaagggtca ggagttggag accagcctgg ccaacgtggt gaaaccccggt ctctactaaa 60
 aatacaaaaa ttagccgggc gtggtggcac atgcctgcag tcccagctac tgagaaggct 120
 gaggcaggag aatcgtttga atctgggagg tggaggctgc agtgagccaa gattgcgcca 180
 ctacacttca gcctgggcaa cagagtgaga ctctgtctaa aaaaaaacac taagcatgta 240
 gtttctatat aactagaagc ataggatatt ctgatctgca atccatcaat cagtgccaat 300

<210> 761
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 761
 tttgaatatg gactatagtt agataatagt cttaggtaat agttaaatgt cctggggtttg 60
 attattgttg ttatatgggg gaatgtcctt gtactcagaa gacatatgct gaagtacagt 120
 atttagagat aaaagtgtca tgtttgcaac taactttcaa atagttcaga aaaaaaata 180
 tgtatatatg tgtctgtgcc tgtatatgaa agagagaaca caaatgtggc aaaatattaa 240
 caattgggtgg gccaggtatg gtgggtggct catgcctgta atcccagccc tctggggaggc 300

<210> 762
 <211> 284
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (284)
 <223> n = A,T,C or G

<400> 762
 cctttaaaag gcagctgcaa atgacccatt tttgtgataa aactaactca gagtacagggt 60
 gcaaccccac tgatgtaaac agcttttgag gctttgagggt tttagatgac agtcatctaa 120
 aacaccagct tctcaaatac atcagcttca ggccctgggct gagcctgagg agcctcctag 180
 gaagttagag atttttgagc tcaaagggct caggagaggc ccaatagttt tcatgcttca 240
 ttaacccgaa ggcttcccga caatcgacca agggtttcta aaag 284

<210> 763
 <211> 289
 <212> DNA
 <213> Homo sapiens

<400> 763
 caaagatact ggatactaga aggcagtgga ggaagggtctt ccaagtgagg atgaaacatt 60
 ttaaaccctag gatccattaa atccgaaggc taaagaaagt caccacacat caggactaaa 120
 atgttgactt ccataaaca ctattttatt ttatttttat ttattatttt tatttttattg 180
 tatttttctt agactgagtc ttgctctgtt gccaggctca agttgcagtg agccaagatc 240
 acgccactgc attccagcct gggcgacaga gcaagattcc atcttaaaa 289

<210> 764
 <211> 295
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 764
 ccagcctggc caacatggca aaacactgtg tacactacaa atagaaaaat tggccgggca 60
 tcatggtgtg tgcccgtagt cccacctact caggaggctg aggcaggaga atcgcttgag 120
 cctggaggggc ggaggttgca gtgagacgat accgtaccac tgcactccag cctggggcaac 180
 agcaagactc cgtctccaaa aaaaaaaatt taaaangatt tttnttatgg nggtttcana 240
 aatggttggtg nggcaggctg gntgnantgg cacangcctg nantnccagc acttt 295

<210> 765
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(297)
 <223> n = A,T,C or G

<400> 765
 cagtgaatnn gtaagttcaa tctgtngcnm atngaggtaa aatattttata gnataaanct 60
 gngcagctta nccanttttg aatatgcaat tcagtggatt aagtacattn tcantgttgt 120
 anagccatcg ccatcatcca tctccagaag ttgtgcatct taccaaattc tgtgcccagt 180
 gaacaataac tccccacctc cccttcccct agcaacagcc accccttttg tctctatcat 240
 caacttcact actcatatct ctcatgtaag tggaaatcata cagtatttgt ccttttg 297

<210> 766
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 766
 ctctcatgga gctccagagt gacatccagc attgttagca tgcgatcaac atcatagacc 60
 atcagtgtgc aacacgagtt accaagaggg gctttcttag tggaaagaga gtgataaatt 120
 ggtaacatgg aagctacttc ctgtgttctt tttctgagaa ctagaagaag gaatacaagt 180
 tggcccatg ctaatgtgta tatacctttt ttacatacca atcactagtg tgtttagaaa 240
 ttaggaaagg tcagtaagtc tccagtatat ataaacatct atagtgtatg gaaagggtctt 300

<210> 767
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 767

cgagttttttt	tttttttttt	tttaatanat	ncggcanttt	natttcaatc	gcccnaancna	60
anttancnng	nngnaancct	aaangaacca	anttnaaccn	aaanagttcc	ggnaaaaaata	120
ncaaaaaancn	gaaantnta	aaaggggaagn	ccccctaaaa	ncnngaaaat	tcaccnttcn	180
ttaggggttnc	ntnttcantt	tngatngncn	ctngaggetn	gcaanttttn	aancaancct	240
tnaaatcnng	angnctnttn	tgaaaaanatt	tcancceccan	cncataaaatt		290

<210> 768

<211> 300

<212> DNA

<213> Homo sapiens

<400> 768

agggacaagg	ctataaatat	cattaataacc	agggttcagga	gtttgcactg	cactaaaaaat	60
caactcagct	atttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	120
cactttttaga	gaggcttttc	tgcagtagtc	aggggttaca	cctgttaacc	agccataatt	180
tttttttttaa	gcggtctgtg	tgaggatgag	ccccatgtag	ttggtgcagg	tggggacaca	240
ctgcctgtgt	aactagaaaa	actaggcatg	gccggggcacg	gtgggtcaca	cctgtaatcc	300

<210> 769

<211> 300

<212> DNA

<213> Homo sapiens

<400> 769

ctgcaatttc	tccaaagctt	gccactttcc	agcctgtttc	cccaattcct	ctgtgctctc	60
ctagagctct	gtctgaatcc	tcgcagccac	acctaggtct	gagaactcag	gctttgagtt	120
actgatcttc	cttggttag	gagaaacagg	gttctctctc	cctctctcta	gcagccctaa	180
tgtctgacct	agcctatcaa	gccttaggcg	ctggaagaac	ccttctcaga	cacgcaggac	240
ccaggtaaag	tcaaagcttt	gcccttttgc	ccactgtctg	ctaccagggc	tcacccactg	300

<210> 770

<211> 300

<212> DNA

<213> Homo sapiens

<400> 770

aggggcctta	cattactttc	ttgcagcact	gatggctttt	gtttgaggct	gcacaaattc	60
ctgcatttcc	cttgggttga	atggtaggga	tgcgggcagt	tgggtgactg	gtgaaccacc	120
tgacttgagc	agggctacga	ctctctctgc	aaacgaaacc	cagagacatg	aacagtgtctg	180
agattttctca	gtggtttccc	atgtaggetg	ctttccaagg	gcagcaagca	tggcttcctc	240
actcaccag	tgcttctgat	tcagcactgt	gatgtctcgg	taagttttta	tgaggtttta	300

<210> 771

<211> 300

<212> DNA

<213> Homo sapiens

<400> 771

caagattgag	cacacggaga	cagatactgt	ggaccccaga	agcaatggac	ggccccccac	60
tgtctgtct	gtccccaaat	ctgcgaaata	categtctcag	gtgtctgcagg	actcagaggt	120
ggacggggat	ggggatgggg	ctcctgggag	ctcaggggat	gagcccccat	catectcctc	180
ccaagatgag	gagttgtga	tgccacccga	cgcctctcag	gacacagact	tccagtcttg	240
cgaggacagc	ctcatagaga	atgagattca	ccagtaaggg	gagggagggg	ccctggaggc	300

<210> 772

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 772
 gagtatttgc tgggtgcattg gagagtttca cgtaattctt gtgcagattc agcaagagag 60
 tttgccggca tgctttgcac agccccctgt acccagtaag gcgattatta gcattgggtgc 120
 ttgctggaat cagatatctc agaatattct gtcacagctc atcgttgccc tcttcttttc 180
 tgtgggtaaa ctgaggcaga aactcaggct ggggtggaact ctgcagcctc agctggagac 240
 ctctctctggc caaggactgt ggggacacag gccctctagg ctgccacctc atgggtcccag 300

<210> 773
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 773
 cccacctcgg cttcccaaag tactgggatt acagacgtga gccaccgcac ctggcctaaa 60
 tttcaccatc gtttctatcc ataacttacc tgcaaagtga ttatctgact agtactactg 120
 caacaaagat aataaagtgc ctgatgttta tatcaaatac gatatggcat gtttctgagt 180
 gtttctaaag aaaaatactg aatgaacccc tcgcctaacc tagtgccctgt ggtaacaata 240
 actgacatgc attgagcgct tactgtgtgc cagggtgcttg ttcgaggtac tttaccggta 300

<210> 774
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 774
 ccaggcttga agttatctct aatttagagg ttagggacag tgacacagga aagaggctct 60
 gagctttata tctggagatg tgggatcata aaaacgtctt tttaatctga tgatcattaa 120
 aacaccocga gatgaggcac agctgctaac cggaatacat ttccatttct gcgggggattg 180
 agcatgtctt cggaaccctc tgcaatagct ttagaaacaa acgttccttt tatcagggtga 240
 gaaaactacc ctatggcatg cctccggata tgtagttctt cctaggctac aaaatatcag 300

<210> 775
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 775
 ttttcagcca cctccactga ctctacctc caaagtttat actatcagac cttattttcc 60
 taaggatgag gttagtagga gggctgcttt cctcagcct ggattactgc tttgtcctag 120
 aagatgaaga tggcatatgt ggttatgcct tgggcaactg agatgtgacc ccctttatta 180
 aaaaatgtaa aatttcctgg atccccctca tgcaggagaa gtataccaag ccaaattggtg 240
 acaaggaact ctctgaggct gagaaaataa tgttgagttt ccatgaagaa caggaagtac 300

<210> 776
 <211> 288
 <212> DNA
 <213> Homo sapiens

<400> 776
 gttttctcct gttacatcat gctgaatcct ttccttagc cattagcttt tattatgtgg 60
 tcttcatagg aaagccaccc tggtgccaag cctagcttgt ggggaggggt atgtgttcca 120
 gaaactgctc tttgtgttcc ctccaatgag gaaacaacat gtgtctactt atgtggcatc 180

```

caactgcttg gagctccaca ctcccttttc ggcactcagg ctctgggtgct gttgccaatc      240
cttgcttggc aaagactgtt cgatcatgtg gggctccttat ttacaagg      288

```

```

<210> 777
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 777
tgaaactttg taatttggac cccctaattt tgtacatgtt gatgatagga ataagggctt      60
cgtttatatt cactgcatgc tctctatgga aagaggatgt gctaagcaaa caagcattgt      120
aaacaatatt tcagaggcaa ggttttggcc tgctttaaaa aaataaaatg tttgcaagta      180
caattaaaaa ccagtataag ggacaggggt gggatgaaaa cctgtctcta agattacgaa      240
gcctgcgtta ttccctctaa atccctctcg aggaagattt gaatccctca tcaacaaatt      300

```

```

<210> 778
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 778
gcctctgtcc tgaacttttt aaccgggtgc cacaaccgga gggctctccat aggggcaggt      60
aaacggggat ttaatcatt ttaagtgtct tagaatgata ttttgggaaa aagcactcct      120
tttcctaagg actgcgactc ggtgaacaga aaggaggcta tgcggtgtgg ccagccaact      180
caaggaggac gaagcagcct ttgcctctaa actgcctgga accanangcg tattnttctg      240
ancntcnna ggnagtgtcg agtactgatg cagtctgtag ggantaactn ccttccctcg      300

```

```

<210> 779
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 779
gttaagagca ctgaagcggg ggtcagaggc ctggctttgt ctataactca ccgagtggca      60
ctgggcttcc ctctgccttc acgtttcatc tctgacctga ggggcctggc tagatggctc      120
ttctggcttt gacacatttc tactggggcc caggctcaag tctcggtggc cctgggtggt      180
cactggagac tgttctctgt gaggccactt caaggctgcc ccggaggctc cccaacctgc      240
ttctacagca ccttggggtc gcccttccc taacgaggag ctcccaagat gtagttttgt      300

```

```

<210> 780
<211> 294
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(294)
<223> n = A,T,C or G

```

```

<400> 780
ctagagtgca atgttgcagt gcaatgctgc aatctgggct cactgcgacc tccacctcct      60

```

gagggcaggag	aatggcggtga	aaccaggagg	aggagcttgc	agtgagccga	gacgtgcca	120
ctgcactcca	gcctgggtga	cagagcgaga	ctccgtctca	aaaaaaaaa	atntaattat	180
caaattgctc	ccattngat	agtcctacnt	tatngacat	aaacctatat	tcctgggtcc	240
ttttaattcc	caactactgc	tnttanaggt	cttanccttt	tatgttaatt	ttta	294

<210> 781

<211> 300

<212> DNA

<213> Homo sapiens

<400> 781

agtttaaaaa	tacttctttg	taaaagttat	tgcacaaaga	aaagacatga	atgtgtccct	60
gttatgtact	cacaaggata	atgatggggt	tgttgctcat	taatactgtt	tcctgtgcaa	120
taacttttac	aaagaagtat	ttttaaaactg	atcattaatt	ttatgaccac	agaaatgaga	180
tgcaaaatth	atgctattgt	cagtggcaca	ggctcacagc	accactgaca	ttttgtgtga	240
ttgtaataga	atggctgcca	actaatgatt	ctgtagacat	ttcatttgag	tgtgcttttc	300

<210> 782

<211> 300

<212> DNA

<213> Homo sapiens

<400> 782

atggggctgg	ccaggcctca	cccctgatat	ccctgagcat	ctgttcctta	caatattgtg	60
gagtcctgtg	gggcagaagc	taccatcctg	tgctgcccct	cactctcagt	gtgactggtc	120
ttcaggatgt	ttaggtggct	ccacatgcgg	atgtacagct	ttcccctgct	tgttttcccc	180
atggcatatt	aacagcgaga	tctgcaagaa	tacatcattt	tgtacagaac	aggatgtatt	240
tcttttaaac	tacgttcctg	tgtggacaag	tggtatcata	tgcaaagggt	taaggaccgt	300

<210> 783

<211> 300

<212> DNA

<213> Homo sapiens

<400> 783

gctgtgttgc	ccagactgggt	cttcacctcc	tgggctcaag	tgatcctcct	ccctcagcct	60
ccccaaagtgc	tgggattata	gatgtgagcc	cctgcaccag	acaattatat	ttatttttaa	120
aaacgccccct	catgaagtct	gggtaattct	ctccagattt	ctccttatca	acaaatttat	180
aagagttagg	aaaaaaatga	tgtaaaataaa	gcacttaaat	tgcgacagtg	gttctattct	240
taacatcata	atgcttatga	ctaaggagca	ttcttttttt	tataaattaa	atgtattctg	300

<210> 784

<211> 300

<212> DNA

<213> Homo sapiens

<400> 784

cccagggtgtc	tatccacttg	ctagaaacca	tcatgagagt	tagataccag	ttttctgctg	60
gaaatacaga	acatttcctg	aaaccgtgtg	gttgagggtga	aacaggcatt	ttgcagtctt	120
atatttttgag	taaggccaaa	cctgcctagt	gttataaaac	tagacaaaaa	acccagggtac	180
ccggctcttgc	aggatagaaa	tgtgtgacta	aaatgaagca	tcgatctgag	aagactacaa	240
attagcggga	acctttggac	aggagcatgc	tatacattac	ttagattaat	gttgatattt	300

<210> 785

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 785

agacaatccc	aaatatatttgg	agattgtctt	aactgggttta	gtgtagctat	aaaagaatac	60
atgaagctgg	ataatatttatg	aagaaaagag	gtttatttgg	ctcacagttc	tataggctat	120
acgagatgca	tcatgccacc	attttcctgg	agcccttcag	gaagcttcca	ctcatggcag	180
aaggtgaagg	gcagccagca	tgttcagtga	tcacgtgggtg	agagggaagg	caagagagag	240
aagagggagg	ggtcaggctc	tatttaacaa	ccagcttttg	tnccgtnnca	tgaggtgaga	300

<210> 786

<211> 300

<212> DNA

<213> Homo sapiens

<400> 786

cctatctgtc	tactgggttg	tcttttacac	tacaggtgca	cagcaggaga	agatgggttg	60
acctcgtgag	tgctgaatag	cacgaggaaa	taaacagggg	aaggaagttt	gggtgaatag	120
ccaaaaggag	tgtatttttc	cagtgatact	ctcatatcac	cttttctaac	cttcacagca	180
tagatgtgga	cataggattg	gtgcctccat	attgagagtt	gaagcatctg	tggcaaaata	240
ctgtgtcatg	cttgggtgcta	ccacttgaaa	cagtgtctgga	acttagattg	ccctcgtgct	300

<210> 787

<211> 300

<212> DNA

<213> Homo sapiens

<400> 787

gggttcttta	acctgtgctt	cctctgtcct	acttcccatc	ctgcacagtt	catagagtca	60
ctttctgact	atcctataga	cacagtaatt	ggacctgtgt	ttttttctaa	tctttatatg	120
acagcacatt	tcctaattca	gggaccatcc	cctatcccaa	attccatcct	gtgagatgtg	180
aaacctgtga	gttcattgtga	atgagtgggt	gaagggcttg	acgccatgta	gtctcttagg	240
aaggcttcag	ggtgctctta	tgttgttgct	ttgccattat	caaattggcat	tgattgatcc	300

<210> 788

<211> 300

<212> DNA

<213> Homo sapiens

<400> 788

gccaaagctca	gtttttcgcc	ttgaatatga	agatgctaga	aagagctctg	catttaagca	60
gagccttggtg	caattcccg	accaaagctg	gaaactgcaa	gagtgcctt	taaaagacct	120
tcttaggcatt	gtgacttggt	ctctaccaga	acctttgggc	aacatgaagg	aagtcaaagg	180
catttactgg	cttgctgttg	ctgcctgcac	agcacctgac	cctcaaccag	cgtgtttgct	240
cctgcttcag	tcaactttat	atgctttgggt	cctgtcagat	aatctcgggt	caatgagcat	300

<210> 789

<211> 300

<212> DNA

<213> Homo sapiens

<400> 789

agtcattaca	agttaggatc	ctgggtaaat	ggcaacctcc	acctcccagg	ttcaagcagt	60
tctcctgcct	cagtccecca	catagctggg	actacagggg	cacaccagct	aatttttgta	120
ttttcagtag	agttgggggt	ttaccatgtt	gaccaagctg	gtctcaaact	cctggcctca	180
agtgatecgc	ccaccttgac	ctctcaaagt	gctgggatta	caggcatgag	ccatcacgcc	240
cggccagctg	ttggttctta	atgacacagc	ttaactttat	tgtgaaaaga	ttgcagcaac	300

<210> 790

<211> 300

<212> DNA

<213> Homo sapiens

<400> 790

ctcattttat	tttgcata	ttaaattgag	taggttcagc	tctaacatac	cttaggaaaa	60
atgcatatcg	gtgcactgta	tgtatttcaa	aatgccttcc	ctatgattgt	catgtcctcc	120
tttaaggctt	ttccctcaaa	tttattacaa	atttagtatt	tttagtactt	gatgactcta	180
attacatgaa	tgcacctgga	atgacatttg	taacagaaga	cagtctgact	tgctttcagt	240
attcacaagt	tctttccagt	ttccaagtct	tttctagca	gtaatttagg	ggagacagag	300

<210> 791

<211> 300

<212> DNA

<213> Homo sapiens

<400> 791

atgcctgcc	gctgagaggc	agttggaaga	ccaacaagct	gagcaggcat	ttcagcagat	60
tcagcagtca	gagtgcacca	agaagggtgc	tttagtttgg	agtttcaaaa	ggccatactg	120
taatagtga	ccagaaatca	agcagccctc	agaaagactg	aaacgcatct	acggatcatc	180
tcaatctgat	tgcataaagg	tggttcaaga	tttattagtg	ctttttactc	gcctctccaa	240
tttttcatat	ataatgtcca	gcaccacatc	aaaaataacc	cagcatagat	ggagataaga	300

<210> 792

<211> 300

<212> DNA

<213> Homo sapiens

<400> 792

attttcatcc	cgaggcattg	tctaattgat	tcccactgcg	aaggataaag	atgtagtttt	60
ctttgactct	gccacctccc	actactcagc	tcactcatac	ttcctgccat	ctttcatctt	120
cccaataagt	atatcatttt	cattacatta	gtatcagact	ttacattatt	atgaccatgt	180
aaatgctatt	tctaactgag	ccatgtagta	tactctgatt	acttttcctt	tcttgacaaa	240
ctttttcttt	tctatggatt	gctacttatt	ttttattggt	tatttgctaa	gctttctgga	300

<210> 793

<211> 300

<212> DNA

<213> Homo sapiens

<400> 793

ctcatgagga	catcagttct	attgggtcag	ggteccaccc	ttatgacttc	atttaacctt	60
aattacctct	ttaaaggacc	tatctccaaa	tagtcacatt	gtgggttagg	gcttcaacat	120
atgaataatg	gagggatata	gttcgggtcca	taacatacac	taactgtctt	tgtatactaa	180
tcttcatttt	gacagattgt	catttaagaa	aaaattattc	ttaagtagaa	tcattgactt	240
ggacccaatt	ggaagcattg	ttgtcacctc	tcttttggtg	cttccttttt	acctttggat	300

<210> 794

<211> 300

<212> DNA

<213> Homo sapiens

<400> 794

caaagatggt	cgtattacta	aaggtgaata	accagcgcg	ggggcacgtg	gagtcactgg	60
aacattttgtg	caatgctgg	gggaatgtca	acccgtgcgg	ccctctggaa	taagcctggc	120
agctcctcca	agagttaccg	tgtgaccag	caattccact	cctagctcca	cccacaggaa	180
ttgaaagcaa	agacgcaa	agatgcctgt	gcaccaaagt	tcacggcagc	atccttcgcc	240
atagtggcag	catccgtcgt	cacagcggca	tcatccttca	tcatagcggc	agcatccgtc	300

<210> 795

<211> 300

<212> DNA

<213> Homo sapiens

<400> 795

ctgccatgac	tgtcatcttc	ttcatcgta	gtcagtttat	ggaccccttg	aattctatcc	60
aaggacaccc	aagaggaccc	caagtttga	gcctctagag	ccctgttgtt	ggctctgcca	120
ctggggagtg	ttagcgttgc	tagctctgct	gaggttgaaa	tgaacgtgga	aaaaataaac	180
tgatacacat	atatgtcttt	gtaagtctg	ttcaccacat	ctgctttgac	ctacaacact	240
gctgtgttta	tatcaggttg	tttataaaa	cttggaact	tcgctttcca	ctccatttgc	300

<210> 796

<211> 300

<212> DNA

<213> Homo sapiens

<400> 796

aggaagcatt	cacatatcct	agaatagatg	acttggctat	caaccccttg	ccggctgtag	60
ctccccat	gttgtagtct	gtatgtgcta	tacccaacct	agagcagggc	gccatgcctg	120
gctaattttt	tttttttact	ttttacagag	atggggctct	actatgttgc	ccaggctggg	180
cttgaactcc	tggttcaag	tgatactcct	gcctgagcct	cccaaagtgc	tgggattata	240
gacatgagca	attgtacttg	gctcaaattt	ttgtttta	tgggcttttt	gtcagaagaa	300

<210> 797

<211> 300

<212> DNA

<213> Homo sapiens

<400> 797

ctgcaaaatg	gactgtgatt	caggacctcc	tccttaccta	cgagcaccc	gggagggact	60
gactaatggc	ccagggacac	acagtcaccc	tctgcaggca	acagtcaggc	ttctacttgc	120
tgaagccg	aagggcttga	ctgtcacact	cagtgttctg	gaaaacaaat	cagtaaagca	180
atttagagga	tcttttgcaa	atcagagaaa	aagaatcaat	acaaggcgaa	agaattctga	240
tcagcacttt	aaaacgtgct	tatcagaaac	ttttcttctc	tcttttaagc	tttggttcta	300

<210> 798

<211> 300

<212> DNA

<213> Homo sapiens

<400> 798

gagccacctg	aatatttggc	acttagcatg	tctgatattct	atccttggtt	cttgtcacaa	60
gtatcatcca	cattacagac	cccgttgtag	aaaactgaaa	ttctgactgt	aacgccatca	120
tgggatagtt	ctgacctgct	tgctagttag	tatgtgaaag	cctgaatttt	gcttcaaaaa	180
agccattcag	gattaacagt	gtattgtgta	ataaagtggg	ctttgtgtga	aagttggaga	240

tcacctgttag ataattcaga actactggaa gtttcacagt acacttgtaa atgatgaaag 300

<210> 799
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 799

gataatcaga accagacttt aaaatgtcct gcacgtgtac cctgcttctt ttcagcttcc	60
ctgccatgta tatccgaggc tttgggccta ggggccttat cagtgtgaaa ttagtcccca	120
gtgcaaagca gccagtctcc caagagacct tggcagagct gggagttctg tgtgctttgc	180
cttttgaaga ctcatcagc tctgccatgt ctctctaca ctgttttgta caaccttact	240
gcacacttaa cactcgcag gggatgcagc agtgccccg cataaggatt ggaggactgt	300

<210> 800
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 800

ctggatgaag actaagcatt taaataactaa gttgagggca tagtagctgg catgtgccta	60
taatcccagt gttttgggag gcctaggcgg gaggatgcct tgagcccagg agattgaagc	120
tgcagtgaat tatgagccaa tgcactccag cctgggtgag agtgagaccc tatctcaaaa	180
cagcaacaac aacaagatac aaattgagaa actgttactt gatttgcgat atgtattctg	240
tccagcagtg atagaataac aaggactggg ttaccttgc tattttaagc aacaatatat	300

<210> 801
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 801

acctcttctt cattgttaaa atggaaataa taatactacc tagctcgtgg gattgttgtg	60
agacaacaac aaatgagaca acagagatct gaaactctgc ctggcccctg gtatatacca	120
agtccacagt taaattagcc tttgttacta aatcattgtt tgggtagaaa tctcagatt	180
ttggatttct caagtgtctc ttttctactg tccaaaaggc agaattgtat ttttgctcga	240
ttccattatg taatatccta tgaatttgaa atttcggagg aggcacagca tggggctgtg	300

<210> 802
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 802

gtgtggaaac aactttgcat ttgtaaacag tttcccctgc gtgcgaagag cctagaaact	60
actctctctc ttgagatctg atgtccccag tcccctcatt gttgaatgtg aatagaatag	120
gaaccaccgt tttgcaactgt tcatggctat gttgagttat gtgggggaga agggcatatg	180
gtagtaaaact gaattctcct gtctgcctac agctgcattt ctcaattgtt tctcttctct	240
ttagtgctgt gtacatacct ctgtcagcac taataacgtg taattatttt atctatttac	300

<210> 803
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 803

gctgtcgggc	ctcagcagag	ctgcctaccc	acctgagctc	cgattcatgt	actacgtcga	60
tggcaggggc	cctgatgggtg	gctttcgtca	agtcaaagaa	gctgtcatgc	gttatctgca	120
gacactcagt	tgacacttgt	tatatcatgg	gaccccgga	attggagtga	agctagaaac	180
agaaaaccca	tgcagggcct	cggattccca	caaagtgtgac	aagagggtata	gggagtgtgt	240
cgcagcgctt	tgctcgtgac	cctgggatca	gagcacccat	caggcttcca	ttactgtggg	300

<210> 804

<211> 300

<212> DNA

<213> Homo sapiens

<400> 804

cagagaggca	gggataccag	atatggggaa	atctgtaatt	acatgcaggc	attaaatatt	60
taaatatata	ttttcttctt	ttaattgtgg	taaaacacat	ataacataaa	atttatctgc	120
ttaaccattt	ttaagtgtac	tgttttgtag	tgctgagtgt	attacattat	tatacaacca	180
atttccagca	ccttttcttc	ttgcaaaaact	aaaactcttt	acctattaaa	caactactcc	240
ctgtttctcc	ctcctcccag	tccatgagaa	gcaccatttt	actatctttt	ctgtgagttt	300

<210> 805

<211> 290

<212> DNA

<213> Homo sapiens

<400> 805

atgagggtatg	aagccattta	atacgaagaa	gagctaaaag	aatgagaacg	tgattgcatg	60
aaatgttttag	ccagaaatct	tgggatatag	gagaagaggg	ggagacttga	ttgattaggt	120
tgtaaatatt	tgctctatgg	accacggtaa	cgtggattag	cattcagagt	agtaaccagt	180
agtgggagtt	ggagtcatag	agtattgggt	ctctttatcc	caggagattt	ccaatggggg	240
cagtttctac	tgacctttta	gagagaccat	gctatgctgt	cttttttttt		290

<210> 806

<211> 300

<212> DNA

<213> Homo sapiens

<400> 806

ctctagcatg	tgccataaat	tacagtgacc	tttaaaatct	cgcttggtca	ctgctgaatg	60
ggtgagaata	ggcttggttc	cagtttttaa	ggtcacactg	tcctaatttg	caatgcatca	120
caccatgtac	taagttggta	acaaccgctt	agaggaaagc	tttcgttatg	caagggagaa	180
catcaaaaag	ggcacttatc	ccaaatgaat	gcagcaattt	aaaccaaaga	tgtttacgca	240
gggcaagaac	aaagtaaggc	aggagtttgg	ggtcaactag	gctgatgtct	ttgaacaccc	300

<210> 807

<211> 300

<212> DNA

<213> Homo sapiens

<400> 807

atcgagacca	tcctggctaa	cacgggtgaa	ccccatctct	actaaaaata	caaaaaatta	60
gctgggcata	gtggcagggtg	cctgtagtcc	cagctactcg	ggaggctgag	gcaggagaat	120
ggcgtgaacc	cgaggaggcg	agcttgcatg	gagctgaaat	tgcaacactg	cactccagcc	180
tgggcgacag	agtgagactc	cgtctcaaaa	taaaaaaata	aaatgggaat	atcaataggg	240
cctattttagt	aggggtggaag	tatagctcta	atgagatggg	ccatactggg	ccccagcac	300

<210> 808

<211> 300

<212> DNA

<213> Homo sapiens

<400> 808

aaatattttc attggttata caactgctgt gtctttttctg agaaactcag ccccaatgtg	60
taacaccctg gattccacgg ggcagcaaat tccacacact gcacccatgt tgtgagcgga	120
gattttcggg ctgaccaaaa cttgaggcga actgagtctc catcttaaca ctcaaacaca	180
cttcatggcg gectggaaac aaggcaatca ttatgaagct tcagcccagt tcttctgaaa	240
ccaacgtatt gggcctgctt cattgtctct ctaggggcta atcacaaaca tgtgggaagg	300

<210> 809

<211> 300

<212> DNA

<213> Homo sapiens

<400> 809

gtggtggctc acgcctgtaa tcccaaagtg catggattac aggtgtgagt gagccaccgc	60
ggccggcctc tatcattttc tgactcagca gctccacca aattgacatc ctagcaaaca	120
ctgtgaagga attaacctaa gtgcttccag agcatctcat gtaacctcta tggagtaagt	180
cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt	240
ctacatggag gaagatgatt cagtgggtgg gaaaatgaac ctcggttaaca tttccaatgt	300

<210> 810

<211> 300

<212> DNA

<213> Homo sapiens

<400> 810

ttatgaccta tctttgttaa ttttctctct tttccaggcc tgattctctt ttttggatag	60
aggaatattt ttgaattctg gttttgaaat atgaggggaag gccagtctc ttaggaaagt	120
ttacataaa catctactta gcatagccga atagttctct actacaccag aaaagaagtt	180
tgagcttcca gtctttttta ttgtagacag gaaggtaggc aggagagcaa taggaaggct	240
cgacaggaag gcagtttctt agtcggttagc aaagggaagg tttaggtcca gtttgtgcag	300

<210> 811

<211> 300

<212> DNA

<213> Homo sapiens

<400> 811

cagctatagc actaggcagc cttgcatect ggggtgttgaa agtgcaggcc attatctctc	60
cctctgacct ccaagatgtt aggtggcctt tctgtgcctc agttttatca tctgtaaatt	120
gggtatgatt gtactagtgc ctagtacata aggagtgtct caaagattac atgagtgtct	180
ttaaagtcct tacaacagta tctcacacat agtaagcatg gcatgtggta gttactatca	240
ttagtccctc ttggagcaat gtatattaaa attttaaaga cagctgtctg gtcaggattg	300

<210> 812

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 812

```

ggcacagtca gggagttagt tagtggtaga ctcagcagga gttggttgct attcagatgt      60
gttgggggaaa gtgacaggca tagctgactc ggggtcattc actaagccag gagcccagga      120
agacacacag atgcaagcag agatcgtgcc attacactcc agcctgggct acagagtgag      180
actctgtgtc aaaaaaaaaa nnaannaaan gggccttgng tggtagcagg tanaaaattg      240
aatntcngtt gncatnagmn acctgtntct tatgatcnct tccattccc cagntgacgg      300

```

<210> 813

<211> 300

<212> DNA

<213> Homo sapiens

<400> 813

```

ccctccttgc ccagagcagg cattgtcat ccactaggca cttcttcttg ccaaggcacc      60
tcttctgcc aagtcagtgt ctcacgatcc ctttcaacac agccacgagg aagccatgat      120
acatcaactg gcactggcaa ataaaaatcaa acctatttgc ctatccagtc ttatcccact      180
ttgttgtttt ctctaagtag ttggaaaaca acatgtccag agaaaaatac cagaacttat      240
tctgagtatg ttcttcagag caaaccttta gaatcttaat gatgtttaga cactcaggaa      300

```

<210> 814

<211> 162

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(162)

<223> n = A,T,C or G

<400> 814

```

ctcggagcca ccccggaaga ccatgcgcag aggggtgctg atgacctgc tgcagcagtc      60
ggtacatgac cctgccccctg tggatcgcta agcctggtga ctagctanna cctatntggg      120
gctctctttt gtttnngana ctacatagga cgatcgtgga ta                          162

```

<210> 815

<211> 300

<212> DNA

<213> Homo sapiens

<400> 815

```

ggcaacaaga caaaaactct gtctcaaaca aacaaacaaa caaacaaaaa acaatcacat      60
tcaaagctta gccaggagaa aaggcgctag gagatacccc actgggatcc ttgaagaatc      120
ataacctaaa aatagatgtg aacctgaagt agacaagcga tacaaaatct cagtgaagtc      180
agtctgggat tggtttagct tgatcactcc cattcagctg cctaccagag gactgggcga      240
acgatcactg aagaaagatg ggagtctcta cttttctcat aagttgtttc aatgaaaaat      300

```

<210> 816

<211> 300

<212> DNA

<213> Homo sapiens

<400> 816

```

ttgacggcgc gggctctgga ctgctgctt ggtaaaaacc ttcctcttcc tccagtgcgg      60
gacgcactct ctggtatctc ttttgacctc ccggaggctt tcttttgcg gtcgcggcgc      120
cactgtacta tggcatacct cgttttatta cgcttcgcag atagggcatt ctgaaaacaa      180
atggagggtt tgtggcagcc ctgagtcacg caattgtatc agcgccattt ttccaacagc      240

```

atgtgtctcac ttggtgtctc tgtgttacat ttgtgtaatt ctcaaaatat ttaaaacttt 300

<210> 817
<211> 300
<212> DNA
<213> Homo sapiens

<400> 817

cagagcttag acatccaaaa ctaatcaatg ctgagggtggc taaataccta gcctttttaca 60
tgtaaacctg tctgcaaaat tagctttttt aaaaaaaaaa aaaattgggg ggggttaattt 120
atcattcaaa aatcttgcac tttcaaaaat tcagtgcacg cgccaggcga tttgtgtcta 180
aggatacgat tttgaaccat atgggcagtg tacaaaatat gaaacaactg tttccacact 240
tgcacctgat caaaagcagt gcttctccat ttgtttttgca aaaaaatgtt tttcatttcc 300

<210> 818
<211> 300
<212> DNA
<213> Homo sapiens

<400> 818

gagacctcta acctcccgca gttgagcaaa tacactctga gagacattag ggactgtggc 60
aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
ccaggaactg tcctggcaga taagacagac tgtgcaaggt catcgtcac ggcatgggaa 180
gggcattaat taccaaagtg gagacacagt cactgtctcc aagagcattt ggaatcactt 240
cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcggggact gctgccccat 300

<210> 819
<211> 300
<212> DNA
<213> Homo sapiens

<400> 819

agtgtgatct gcaggggagag aaccaattac agtatgcttg gagagggtga cattttattct 60
gctgaacctc ttctctgctt cacataacgt tggccacttc acctttcctg agatgtctct 120
gaggatgggc atatttttaa gacttgagct tacatcatcg catcttgaaa gaaccgagta 180
taattgagtt gctgatacaa gtgggtactt gcaccaggtc cgggtcaccc acatctctat 240
ggaaacacat gtttgcttta aagcccagca atcagaagca gatccttata ggagccagca 300

<210> 820
<211> 300
<212> DNA
<213> Homo sapiens

<400> 820

attaaagtgt aagcctttct aatttttgaa ggttgagcac ttgtgttatt catgggtttta 60
tatgacgac atctttttat catcgctgca gttttctatt ttgacttgaa ttggaggcag 120
agctccacca cccagtggtg tcgtctgatt tcccagacta gagtccagcc tttcctgtgc 180
ttgcctggct tccctccatg ttgcttctta ccccaccatc tatacccttc acatccaaaa 240
tccaaaacct cacactcata cgagaatccc tgttaggggtc ggtttatatt tacacactaa 300

<210> 821
<211> 272
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (272)
 <223> n = A,T,C or G

<400> 821
 cctcattatc caccacgcac agatggtaca gctggggctg aacaaccaca tgtggaacca 60
 gagaggggtcc caggcgcccg aggacaagac gcatgaatgc agaatgaccg cgtgtncctg 120
 nctgatcacc tggggatnac cctgnaccc ntgtnttgnt caggacntct tatagtnct 180
 nnngtntct tttntnant gttgtntga tnnntnttn nttntntgnn gcttnaaggt 240
 ntatgtntn tngtggtnat tttanntgat tt 272

<210> 822
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 822
 cagatacagc ctagtgtccc tcagttacac aatagtgtgt cccccagtgg taggacagtc 60
 tactactgag tcctcctggc atgagtcgag ctgagattag gatagggtaa tgaccttca 120
 gttttgggga agggaccaga gtcggccag tgagaagctt ccagctccgt ctggccatat 180
 ccaggctgct gaggtcctg ggctctgtcc ttaaacctca tcaactgacat gacctagcaa 240
 acctcctcaa gaggaaaaag tccccttggg tcaaacacag cttgtgcagt tctcggggac 300

<210> 823
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 823
 ctttgccatt gtggctgtgc gagctcagcc tcctggaaac ccgccctgag cttgggttaac 60
 agcattcact ccaggtttag ccagctcca gggtatcgca ggcaggactc ccgagaacag 120
 gttcatgttt gctttttggg aggtgctgcg cttaaagtga aaaccacctt gggccgagtg 180
 ggacctcccc agctgggcgg ctgttaacca gccaggatgt ctgacctga gaagtcaccg 240
 tgcactcttg ggactcattc ttctcatcag caggatgggg tgatggagcg ggccttactg 300

<210> 824
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 824
 ggcagagaat cccttgtaga aaggtggggg agaatcatag gatattataa ctgtaaggaa 60
 catgcaagat ttccagatt atacccttga tagaatagat aagttcctta aggctcagat 120
 cttgcttaaa gtgctccagc ctgttagaga caagtagaac acgaagctgg cctctggagt 180
 ctttattgag tactttgtac aattgggtga gactgggaga gccctcctca cttccccctt 240
 cttgtgctgt aatttcctgt ggggcagaac acctcagagg tttctgtgca tcaaaataag 300

<210> 825
 <211> 269
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (269)
 <223> n = A,T,C or G

<400> 825

gaacaagctc	agcctcatca	acttcagggtg	agtgttgggc	tagaggtaga	ctaggccttg	60
aggtcacagc	ctgctctcca	cacagtgagc	tccagactcg	agattttctc	tcattccatt	120
ttggttctca	gggaaagagt	gaggcaggca	gcactcccc	gactcacact	ggcttctgca	180
taggggtgctc	tggggaagct	tggccttatg	ccataaggca	tctgggcagg	gccactgnag	240
ctgnctgatg	tagcctgctt	atttagnat				269

<210> 826

<211> 300

<212> DNA

<213> Homo sapiens

<400> 826

cacagaccca	gaacctgcta	tgcggaacaa	ggctgatcag	caacttgtgg	aaatagacaa	60
aaaatatgct	ggattcattc	atatgaaagc	agtggctggg	atgaagatgt	cttaccaggt	120
acaacaggca	atcaacacat	gcctaaaaga	tctgttaagg	ggtttcagac	aagacgagtc	180
ctctagcgct	tttgtttcac	acctttactc	catgatccgt	ggaaaccgcc	aacacagacg	240
agcctttctt	atttctttac	tcaacctctt	tgatgacaca	gcaaaaacag	acgtgactat	300

<210> 827

<211> 179

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(179)

<223> n = A,T,C or G

<400> 827

gagctgctca	gagctgcctt	gaaggacggc	cactcaggcg	tgccccctgtg	ctgtgccacc	60
ctgcagtggc	tccttgctga	gaatgctgct	gtggacgtcg	tgagggcccg	agcactatct	120
tccatccagg	gagtggncct	tgatggcgcc	aacgttcacc	tcatngtncg	anaggatgg	179

<210> 828

<211> 300

<212> DNA

<213> Homo sapiens

<400> 828

gcttgaagtc	tccttggaat	ctttccttgt	ggtgcacatg	ttcttttgat	tttattccac	60
ctttgattgt	cccatagcaa	aacaaagaac	ccacttaatg	gaagaacttg	acattctccc	120
atgtttgttt	caaagccaca	taggcatgtg	tctacgagat	gctgctttga	taatgagttg	180
gttatactcc	tgcatactac	tcaattgcat	aaacattctc	taattcctaa	tggaaaggct	240
gaagaacctt	aagcctactc	acttggacct	gctgttgatg	agtgcctggg	atgctgagtt	300

<210> 829

<211> 300

<212> DNA

<213> Homo sapiens

<400> 829

ggtaagtaac	ctgtgcagag	cacagaacta	ggattcagac	ctacagaccc	acaagtcagc	60
ctctaaggcc	cacttataac	tgctcttctg	cttgcaaggc	cctatggatg	aaatccagtt	120
ataacctcct	tttgctataa	ctagacacag	agggaggcgt	ttctccctaa	tctgtattta	180
tccagacaag	ctgtccagca	agattttctga	gtgagggggc	ttaaggaagc	aatctgcggg	240

tgtgtagcct tttctccctc agcaaataca gaaggagctt atagcccggt ctcaccctgc 300

<210> 830
 <211> 296
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(296)
 <223> n = A,T,C or G

<400> 830
 ctggtcannng gnggctgnnc cctncccngg ccnaccggcc ngccncatgg gtttgccctn 60
 cccgggcnncn ccnnnggntn cngggntggg ngctnnaccn tccccccctc agggntatnt 120
 ttncctntnc ccttnccctn ccgncnanan ntttncngg ggngggcnaa aaaaaaagtn 180
 aaaagaaaag aaaaaaaaaa aagaaacaaa ccacctctac atattatgga aagaaaatat 240
 ttttgctgat tcttattctt ttataattat gcgggaagaa gtagacacat taaacg 296

<210> 831
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 831
 gtgggctctc ccttaaagac acatggccac agacacctcc ttcggatatg taatatgcct 60
 tccccctgcy ccttccgtgg tcacagcaac agggactgct cccccctcc agctggggct 120
 tttctaaca gcacagtcag aaatgcgcag gcctgggggtt ggggatgaac agaagttgat 180
 tagtgggcac agaaatacag ttagatagaa ggaatagttc cagcattcga tattacagta 240
 ggggagactgc atttaacaat aattgattgt atatttgaaa acagctagaa gaataagaat 300

<210> 832
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 832
 ggcacttgag aagtctaaga gaagctctaa gacgtttaag gaaatgctgc aggacagggg 60
 atccccaaat caaaagtcta cagtccgctc aagaaggaga atgtattctt ttgatgatgt 120
 gctggaggaa ggaaagcgac cccctacaat gactgtgtca gaagcaagtt accagagtga 180
 gagagtagaa gagaagggag caacttatcc ttcagaaatt cccaaagaag attctaccac 240
 ttttgcaaaa agagaggacc gtgtaacaac tgaaattcag cttccttctc aaagtccgtg 300

<210> 833
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 833
 ctctcaata gaaatgggag ataagaaata tatctgtgca atattaaatt gaaaaaaaaa 60
 acccataaaa agtgtcaaag gcaaataatt tgctctagat cacaaaacta gttagcacia 120
 ggctaggatt ataaccagggt tctaggaaaa aatcctgaag gtgatttaac tgagtgttag 180
 gccctgtcaa gccacctgct aaggctcatg gtctttcaga ctagcttcaa cattccaaat 240
 caggcaatag ctacaacgga aagataattg gacggggaat cctgagatca gagtccctag 300

<210> 834

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 834
 cagacaagaa tcttccctgc cgtccctttag tatgtgcagt actggacctg atggtagagt 60
 ttattgtaac acacatgatg aaggagtttc ctatggatct ctatatacgc tgcattccagg 120
 tagtacacaa actgctctgc taccagaaga agtgtcgggt acgcttgcac tacacctggc 180
 gggagctctg gtcagccttg ataaatttgc tgaagtctct tatgtcaaat gagactgtac 240
 ttttggccaa acacaacatt ttacatttag cccttatgat tgtgaacctt tttaatatgt 300

<210> 835
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 835
 agaccatttta actctacccc acactttcag tgggtgggatg tgaggaagaa agcccatgcc 60
 aagctaaactg aaagcttatt tggtcccaat tcggctgatg tccctcact gcagaatgtc 120
 ctggaaacca aggggttgca gctcctaaac ctattgcatt aggcacaccc aagaagaaat 180
 cctgttcgat gcacatgtct cagtttcaat cagcaacaag gtcaaaaagt tcccccaact 240
 ttctgttcca cagtgcgttc cccttgcagc cagacattag gcacagattc atccctattg 300

<210> 836
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 836
 ctcaccaatt agcactgcc a cgcaggctct gtgaattgca tgtgaaaata gaatttgctc 60
 agaagtgtct atgcaaattg tgcaacacaa atgtggcctc catgtcaagt cctttcacgt 120
 gttctgacag actcatgtct tccagattt ctctgatcgg cccccccac ccccttgaca 180
 gttaccagag ctcataagcc aaaggaaata gttcctgttg ccatgagtac tgtgtctgtg 240
 gtgagggtta tgagctgtct ttagggtctg gtttttgcct gagaaaacaa tcagatttcg 300

<210> 837
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A, T, C or G

<400> 837
 ccaacctgct gtcctcgaag ccccgcttct accagcctgt ggagttcagg aggcgagaca 60
 tcctggcctc ctttgagaac tgatgggatc taccctctgt ccacgcggga cagtttctca 120
 gaactgggtc atagaccacc tgtgtcacca acagccagat acctaattcc tgagcctcct 180
 ttgggaaggt ctggggccga gggctctggga attttttttt ttttttttngg nacanagtct 240
 nnttnngtca ntgcantcca nccngggnaa caaatcgana ntccntttt aaaaaaaaaa 300

<210> 838
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 838

ctaagcccca	aaacgaactt	caaactgggt	gtggtggcac	gtgccttttag	tcccagctac	60
cgggaggct	gcggcaagag	gattgcttga	gcccaggagt	tcgagtccea	cctggggcaa	120
agagtgaac	cccatctcta	aaacccaaaa	ggtaccttag	aaggtcacct	ggttggctaa	180
ccttttaaag	gcaggggctg	gacacgtagg	acacattggg	aatgtcttgg	ctactacatg	240
tagccttctg	ggatatatgt	gcccagaggg	agaagcactg	agcctgaaga	aactagatga	300

<210> 839

<211> 270

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(270)

<223> n = A,T,C or G

<400> 839

atnnnntcg	nnaannatnc	nagaaattnn	naagtnttna	ncanananaa	naaatnancn	60
cgcnangnna	aaannnnngn	nnnncgaccc	caccagctct	gtataggcct	caaaggggct	120
gggagtgggc	tgccctcggg	gtaggtgagc	ttggcaacgt	gtcttcaggt	tgagagagag	180
ggataggcaa	atgccataaa	gcacatttcc	agttcctgtg	aaactcctct	ctccgcaaaa	240
agtggagaac	aatttgagga	ctgaaataag				270

<210> 840

<211> 300

<212> DNA

<213> Homo sapiens

<400> 840

gccacttgac	acagtgaagt	gcctcttaaa	tctctcggtt	ctctaccatg	tctggctgtg	60
tgggtgtctt	ctcctgacga	cttggtatgt	ctcatggata	ctcttcaaaa	tctatgccac	120
agaggctcat	gtgtttcctg	ttcaaccacc	atttgcagaa	gggtcagatg	agtgccttcc	180
aaaagtgtta	aataagcaatc	ctcccccat	cataaagtat	ttagccttgc	aggacctgat	240
gttgctttct	caatatcttc	cttcacgaag	acaagaagtt	ttcagcctca	gccaaccagg	300

<210> 841

<211> 277

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(277)

<223> n = A,T,C or G

<400> 841

gttctcaggc	cttccaggta	gtcccccttc	tggacttaag	agtgcaaaact	cttctctgtg	60
gttctagcct	tgggcagaat	tatatcccag	agaccacaga	gcaactgtca	agctgcttac	120
ccccacccc	agggtacag	cctgtgcccc	gcctctaat	ttgtgcctct	cttgtgttgg	180
gggaggatga	gggaggtttc	nttncctttc	ctgcnntggg	ctnctanaaa	gntcanagna	240
cccantgnaa	ganancctta	angnncagca	tttagtg			277

<210> 842

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 842

gagacctcta	acctcccgca	gttgagcaaa	tacactctga	gagacattag	ggactgtggc	60
aaaaagcagg	caatccatgt	gtgtcactta	agccttgagc	acagttcagt	aggcaacaaa	120
ccaggaactg	tccctggcaga	taagacagac	tgtgcaagggt	catcgatc	ggcatgggaa	180
gggcattaat	taccaaagt	gagacacagg	cactgtctcc	aanagcattn	cnaatccttc	240
acagagtnen	caaggngggg	gaagctatc	nnncagctcc	ncgcgggacc	ggctgcccc	300

<210> 843

<211> 300

<212> DNA

<213> Homo sapiens

<400> 843

cgaggccagt	tccaggccca	ctttttgccc	tgtgagcccc	ctgcatttct	ggtttctcct	60
tttccaggca	gctactcggg	ggagcttctc	tatttaacat	ctagtgtgtg	attcatgtct	120
tttgttggtt	ctttcagtga	tgttgcttat	ttccccaatg	acactgttgg	gagcttctta	180
agaacaggct	gtctagggac	aaggatgtga	agtggtaaca	gggaaaagta	ggccgttttag	240
gacctgtggg	tgtgtcatga	ctgtgcttgt	atctcttgtt	agctttgtgg	ccttaggttc	300

<210> 844

<211> 300

<212> DNA

<213> Homo sapiens

<400> 844

actgaatggg	ctgtatctgg	ggaatcaagg	tattaggggt	gagcaaaagc	aagaggaagt	60
agagcatttg	atctcttttc	ctttgattag	gttgaggaca	ataaagtctc	attctctccc	120
ttcttcccat	gggcagcctt	atatatgatt	gaagaacatt	agtgcгаага	ttcctcatcc	180
agaaataaac	tcttgacttt	ctatacta	ttaaagattca	tgtaaattac	taagtctctg	240
gaaaactatg	gagaactctg	tgggggctgt	cattcacact	ttagtatgaa	ttggtttaat	300

<210> 845

<211> 291

<212> DNA

<213> Homo sapiens

<400> 845

actgagtctg	ggggcactga	gtcagagcca	gctccgcctg	cccaccatga	ctgggtggct	60
cttatacaca	tgtactcttc	ccatctccag	gtcccagatg	tgcaggcctg	tccactctcc	120
ttttcccta	ggcagggatg	gaggggcgtg	tcagtcctgt	ataatttggg	gtgactggag	180
gggtgggggt	attgatgcat	ggtattccag	taaacttctc	tgcttggtgc	ctaaaaaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	a	291

<210> 846

<211> 300

<212> DNA

<213> Homo sapiens

<400> 846

```

attgaaaaag agagttcatg taaagccgat tattatttaa tctaaagtta tgttcacata      60
ggaagcacta gtgtagagaa atagggtctg agggacaagg agcctgtgtg cccgtgtcgg      120
cagccgagta actgccaagg gtcccctgct tggcactctg ctgtcccact tgcttcctgc      180
cctctctgga ttctaacact tgtgccattg tgcattccgtc tcagggtcatg gtgctgttac      240
ttggtgagaa agcattattt aaatacccca gatgaggagt taggcacttt ctccagtttt      300

```

<210> 847

<211> 300

<212> DNA

<213> Homo sapiens

<400> 847

```

cacctaacat taggtggcac ttaatagtga tgataatcac ttatggagtc tactaagatg      60
tttgtgaatc cttctccca ttcaaaaatc ttgacaaccc tgtgagacag atatgctcac      120
cttactgatg agtacggggg cttggcaaag taggtatgtt gttcatatta cacagctagt      180
aagtggaaga gtcaatatca tatactccca gattcagaac tttaaataac cccatgctac      240
cttctaggga aagcttctgc tatgtgtttg gaggggttagg tgagagaaag gtgaatttta      300

```

<210> 848

<211> 181

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (181)

<223> n = A,T,C or G

<400> 848

```

ccggagcaga gagcgagga gccgcggtac cccggcttcg tgctggggct ggatgtgggc      60
agttntgnga tccgctgnca cntctatgac cgggcggcgc gggctctgcng ctncagcgtg      120
cannatggnc anaatanttn nccttatctt tnntgnctng aanntnnntc tgnngtnctn      180
t                                                                181

```

<210> 849

<211> 300

<212> DNA

<213> Homo sapiens

<400> 849

```

ctccctggta ccctgactac caggaagtca ggtgctagag cagctggaga agtgcaggca      60
gcctgtgctt ccacagatgg ggggtgctgt gcaacaaggc tttcaatgtg cccatcttag      120
gtgggagaag ctagatcctg tgcagcagcc tggtaagtcc tgaggagggt ccattgctct      180
tctgtgtgct gtcttttgc tctcaacggg ggctcgtctt acagtctaga gcacatgcag      240
ctaacttggt cctctgctta tgcattgagg ttaaattaac aaccataacc ttcatttgaa      300

```

<210> 850

<211> 300

<212> DNA

<213> Homo sapiens

<400> 850

```

cagagatgag tcagaacagt ctctcaatc ctgaaattca acaaggcatc agaagggctg      60
gtgtgtgtca agcccagctg ctgtcatgtg aggagatgct cactgtgggt ttgttgagct      120
gatggccttg gttgagctga tggacaagtg aaggaggcca tggggctgtg ctgtccttcc      180
tgccgtacgt gccattccac tctcttcagc tctccctcca acagcatgcg agcccatacc      240

```

ttctgcattt ttccaggcct gtgagggata taggcctccc cttggagcac tgagtccgga 300

<210> 851
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 851
 acggtgtctg gtggagaaga gctgagcttc cctggccccct tctgaaatgg ggtcaggaag 60
 gggatcagga gggggattac cctgatgcct gctgcctgct cccatttgat ccacccacac 120
 agcctctcga ggtaggggct tggcaccocg ttgtccagct gtgtgtggcc tttctgaatg 180
 acgtggttct tgggcatctg agccagtcgc cagccatgtg cctgccccca caggccctgg 240
 gagttcctgg taggatccca cagctgttgg caagtctgag gtttgccctt gcagatggaa 300

<210> 852
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 852
 gcctccctgg aggattcttg atgattcttg gagcaggctc tggactctac gtgcttcagt 60
 gggaaatctg acacgtttct tacccttttg gcctcagttt cctcatctgt agaatgggaa 120
 tgacaacagt acctacctca tgggggttaag gctcaggcca gttaacaccc taaggagcga 180
 tgccttggat gtcgtaaatg ctagaaaagc atgagttgtt atgaataggt cctggtgccc 240
 cccaccttcc ttccacaaac caagacaacc aaggagccac acctgccacc tggcttttgc 300

<210> 853
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 853
 acaagaggag gcttatcggg aggaacagct gattaaccgg ctgatgcggc agtcccagca 60
 ggagcgcagg attgccgtgc agctcatgca tgttcggcat gaaaaggaag ttttatggca 120
 aaacagaatt ttacagaaaa aacaacatga ggaaagacga cttaaagatt tccaggatgc 180
 tcttgatcga gaagcggctt tggcaaaaaca agccaagatt gactttgaag aacaattcct 240
 taaagaaaag agatttcatg atcagattgc tgtggaaaga gctcaagctc gttatgaaaa 300

<210> 854
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 854
 aatgtatttt ttcagtaagc acccagaggc ctccattcag gctgtttttt cagatgccca 60
 aatgcatatt tgggcattag aaggtctgtc gcacttagta gcagcatcat ttacagagga 120
 tagatttggg gttgtccaga cgacactacc agctatcctt aatactttgt tgacactgca 180
 agaggcagtc gacaagtact ttaagcttcc tcatgcttcc agtaaaccac cccggatttc 240
 aggaagcctt gtggacactt catataaaac attaagattt gcattcagag catcactgaa 300

<210> 855
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 855

```

cttttttaag caaagcagtt tctagttaat gtagcatctt ggacttttggg gcgtcattct      60
taagcttggt gtgcccggta accatgggtcc tcttgctctg attaaccctt ccttcaatgg      120
gcttcttcac ccagacacca aggtatgaga tggccctgcc aagtgtcggc ctctcctggt      180
aaacaaaaac attctaaagc cattgttctt gcttcatgga caagaggcag ccggagagag      240
tgccagggtg ccttgggtctg agctggcatc cccatgtctt ctgtgtccga gggcagcatg      300

```

<210> 856

<211> 300

<212> DNA

<213> Homo sapiens

<400> 856

```

ctgacctcct cctcagagaa agcaactggcc aaccagttcc tggcccttgg cegtgtgcc      60
accacagcca gagagcgagt gcccgccaca aagacgggtgc atctgcagtc acgggcgcgg      120
tacaccagcg agatgcggag tgagctacta ggcacggact ctgcagggtga gtcaccatga      180
acacaacagg acttgagggc cagctgacta ggacaagaca tgtatccttg ctgccccggg      240
gcctccatgc cgagactcca tgccctgact ccaacaggag catcaccaaa ctacacctgg      300

```

<210> 857

<211> 300

<212> DNA

<213> Homo sapiens

<400> 857

```

ggagggcagg agagtgacca agcagctaga agagaggggtg cagcacccca aggagaggac      60
tgggggagtg ggtgttccag gaagggctct ggcatgtaaa gctgcacaga agtcaaataca      120
gataaagcct gagagggatc catgggattt cttggcaaag ggattgttgg tgataccagg      180
aagagcagct tcagtggctc atggggagag aagccagatt acaggagatc agcaactgag      240
agagtgagtg gagagcatct ttttaagaat tcttgagtgc gggccggctg cgggtggctca      300

```

<210> 858

<211> 300

<212> DNA

<213> Homo sapiens

<400> 858

```

ggagtgggga gagggccac acatattgga aatgcagtgt ctgtctctc cctgaactt      60
ctggaaggat caaatctgat acacacaggc aggtgtgttc aaagtgtcct gggggtgctg      120
atggaagaaa gtgggagtg ctgccatggg ctgggtcagt taacaccggg ggtcggcagg      180
ctgatgggtc aggagagact gagtctacct cccctttggg agggatcaga aaaatcagag      240
aaggggagct gaaggctcca cagcaggggg ctgtggactc aggtgaagg acctctgagt      300

```

<210> 859

<211> 300

<212> DNA

<213> Homo sapiens

<400> 859

```

cacttgtcag gggagagggg acagcaaggt gggaggttga agagctttga ggctcagcag      60
catgtttgtg gcattcgggt gacaccatgg ccttgggcgg ctggacaggt ttttgtgatg      120
tgagggacac gcatggggca catggttaagc ttggcaaggg ctccaggaac gctgacgaag      180
ggttttagga cccccacccc catgcctgta ccagggtctg cctccagagc gggtgaggac      240
agagcagctg tgggcttttc attctgaggt cttggccccc ctggccaccg caagggactc      300

```

<210> 860

<211> 300

<212> DNA

<213> Homo sapiens

<400> 860

tttcagcttt	cgttaccagc	aggagctgga	ggaggaaatc	aaggaattat	atgagaactt	60
ctgcaagcac	aatggtagca	agaacgtctt	cagcaccttc	cgaacccctg	cagtgtctgtt	120
cacgggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagcccag	ttgttcaact	gtatggttgg	actactgtta	atagcactcc	tcacctgggg	240
ctacatcagg	tattctggtc	aatatcgtga	gctgggcgga	gctattgatt	ttggtgccgc	300

<210> 861

<211> 300

<212> DNA

<213> Homo sapiens

<400> 861

ctcggacctt	atcagcagca	tcacgcagga	ctaccacctg	gatgagcagg	atgctgaggg	60
ccgcctggta	cgcgcatca	ttcgcattag	tacccgaaag	agccgtgctc	gcccacagac	120
ctcggagggg	cggttcaact	gggctgctgc	cccaaccgct	gctgcccctg	acagtggcca	180
tgagaccatg	gtgggctcag	gtctcagcca	ggatgagctg	acagtgcaga	tctcccagga	240
gacgactgca	gatgccatcg	cccgggaagct	gaggccttat	ggagctccag	ggtaccacgc	300

<210> 862

<211> 300

<212> DNA

<213> Homo sapiens

<400> 862

ataacctcgg	ctgtttacag	tgaggccccg	agcgtcttgg	ctgccgccct	gctccacgca	60
gtctgtttca	gtgcagtga	ggaaccgtgg	agcatgcaac	acatcccggc	actgttttcg	120
gccttctgtg	gcctcttggg	cgccctttct	taccatctga	gccgtcagag	cagtgaacca	180
tctgtactca	tgctcttcat	ccaatgcagg	ctgtttccta	aatttttaca	tcaaaatctg	240
gcagagtcag	ctgctgaccc	tctccccaag	aagatgaaag	attcagtgac	ggatgtctta	300

<210> 863

<211> 300

<212> DNA

<213> Homo sapiens

<400> 863

ctccaacctg	caggtgcctc	ctccagagcc	agctctgata	ctcattttta	aaaccatccc	60
agccaaccaa	ccgtaggaga	acctcgaagg	catcttggag	gtccctgtct	ctgccaggca	120
ctccctccct	gtcttctcag	cacctgtctg	gcatacacaag	gaaatgtggg	ccaaagaccc	180
tcatccca	ctaagaatgg	tccaacagaa	accagcctgg	tcccaggtgg	ggctcaggct	240
caggccacgt	gccaccaagt	catctatgtg	aatatagtga	taaaaatgcc	caacgttgac	300

<210> 864

<211> 300

<212> DNA

<213> Homo sapiens

<400> 864

ataacgcccg	tggtgcccc	tccctatagg	agctgggtgag	attgcagcct	gctgcctccc	60
ctccatcagc	cacagctatt	ggatttccca	cccagaatct	ttaggtaaat	gagatcatga	120
ttctggaagg	aggtggtgta	atgaatctca	accccgga	caacctcctt	caccagccgc	180
cagcctggac	agacagctac	tccacgtgca	atgtttccag	tgggtttttt	ggaggccagt	240

ggcatgaaat tcctcctcag tactggacca agtaccaggt gtgggagtgg ctccagcacc 300

<210> 865

<211> 300

<212> DNA

<213> Homo sapiens

<400> 865

actccatctc	aaaaaaaaaag	aaagaaaatg	aaaaatgggt	gagaaagtta	agtaacgtcc	60
tgaggctgga	ggggcccccgc	tcctcctcac	cttggggaga	aggacagcgt	gaggctagcc	120
tgccctacac	tgggtggccc	cttcccctgg	cctgaagtgg	cagcacctgc	aggctaaacc	180
agcacatgca	tgagggtctgc	tgggccgggg	ctttgggagc	agccgatgct	cctaaaaccc	240
tgctctgggt	ggactcttgg	gatgcagttt	gggtctgtgt	ctggggctgg	cagacaagcc	300

<210> 866

<211> 300

<212> DNA

<213> Homo sapiens

<400> 866

ctatggcata	aatgaggaac	aatgccagag	acccatccag	ggcgacggtc	agaatttcca	60
cagacacaaat	ggttggatca	aaatattacc	ggcatttccct	gcagatcacc	ctgtgcgtgt	120
gcgagctgta	tggtctgtgg	atgaccttcc	tcccagagtg	gctcaccaga	agccccaacc	180
tcaacaccag	caactggctg	tactgttggc	tttacctgtt	tttttttaac	ggtgtgtggg	240
ttctgatccc	aggactgcta	ctgtggcagt	catggctaga	actcaagaaa	atgcatcaga	300

<210> 867

<211> 300

<212> DNA

<213> Homo sapiens

<400> 867

gggacctcga	tcattgacagg	ctcatcagcc	tgtgcttgac	ccttctcagc	gtgaccccag	60
acatcctgca	acctgggggg	acattccttt	gtaaaacctg	ggctggaagt	caaagccgtc	120
ggttacagag	gagactgaca	gaggaattcc	agaatgtaag	gatcatcaaa	cctgaagcca	180
gcagaaaaga	gtcatcagaa	gtgtacttct	tggccacaca	gtaccacgga	aggaagggca	240
ctgtgaagca	gtgaggattt	cttgtgccat	tttcataatg	gtcattagct	cctttttaagc	300

<210> 868

<211> 300

<212> DNA

<213> Homo sapiens

<400> 868

cggctctggg	attgggttcc	ggattgctga	gattttcatg	cggcacggct	gccatacggg	60
gattgccagt	aggagcctgc	cgcgagtgtc	gacggccgcc	aggaagctgg	ctggggccac	120
cggccggcgc	tgcctccctc	tctctatgga	cgtccgagcg	ccccagctg	tcatggccgc	180
cgtggaccag	gctctgaagg	agtttggcag	aatcgacatt	ctcatctaact	gtgcggccgg	240
gaacttctctg	tgccccgctg	gcgccttgct	cttcaacgcc	ttcaagaccg	tgatggacat	300

<210> 869

<211> 300

<212> DNA

<213> Homo sapiens

<400> 869

```

agtgagtggg cttaccaaaa atccagtatc cttgccatcc ttgccaaatc ccactaaacc      60
aaacaggcgt tccttctgtg cccagtccta gtattcaaag gaaccctact gccagtgtctg      120
caccattggg aacaacactt gctgtgcagg ctgttccaac agcacactct attgtacaag      180
ccacaaggac ttctttaccc acagaggggc catcaggact ctatagtcca tcaactaatc      240
gaggtcctat acagatgaaa attccaattt ctgcatttag tacttctgtc gctgcagaac      300

```

<210> 870

<211> 300

<212> DNA

<213> Homo sapiens

<400> 870

```

gccaggaggg cctccagggg ttcttctgtg aggtccaccc agacaatgcc tgcagcccca      60
ttgccccacc accccagcc cgggtcaatg ggtagctctt tattgcgctg cttcgaagac      120
ctgccccatt tgcaagcagc ctgttcacgc gggctctggg gacgaagacc aagaggaaga      180
aactcaaggg caagaggagg gtgatgaagg ggagccaagg gaccaccctg cctcagaaag      240
gacccacttt ttgggttcta gcccactct tcccactcc ttgggttctt tagccccaac      300

```

<210> 871

<211> 292

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(292)

<223> n = A,T,C or G

<400> 871

```

gcctgatccg ccagcagcgc ttgctccgtc tctgtgaggg gacgctcttc cgcgatgatca      60
gcagccggcg ggcgccaggat aagctgtggg tctgctgcct gaccccccac canaagctnn      120
tncagtnccg anacntggag gagggcncca gcccttctac cctgnagagt ttntccnagc      180
ancttnnctg tggccgactt gaggnntcct tntgncnngn ttangattgc tncatnttn      240
gggagnatgn cttttntag ctttttnngg tntttntna tttnnncttt tt              292

```

<210> 872

<211> 300

<212> DNA

<213> Homo sapiens

<400> 872

```

gtcattccca tacaatgcaa catccggaat gaggaggagg agaataatth ggtcaaattct      60
accttagata ctttttgtaa gatcaatttc ttggagaaca atggaggagg ccagtttctt      120
tcccctgctg aacacatcag ttctaaggga tggcacgctg agcttgagac caacctgacg      180
ggtaccttct acatgtgcaa agcagtttac agctcctgga tgaaagagca tggaggatct      240
atcgtcaata tcattgtccc tactaaagct ggatttccat tagctgtgca ttctggagct      300

```

<210> 873

<211> 300

<212> DNA

<213> Homo sapiens

<400> 873

```

cccaagtcag tgtgtgggtg cccgaacctt aggcaaacag caaactgtca tggccattgc      60
tacaaagatt gccctacaga tgaactgcaa gatgggagga gagctctgga gggaggacat      120
ccccctgaag ctcgtgatga tcgttggcat cgattgttac catgacatga cagctgggag      180

```


gagggtcaatc gcaggatttg ttgccagcat caatgaaggg atgacccgct ggttctcacg 240
 ctgcatatct caggatagag gacaggagct ggtagatggg ctccagagctg cctgcaagcc 300

<210> 874
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 874
 atttagaaga ggctggaaaa gaggggtggaa aaagcagggg ggttatgagg cttaataaag 60
 aagatatgca cttatttggc cattaccacag cacatgacga cttctatctc gtagtgtgca 120
 gtgcctgtaa ccaggctcgtc aagccacagg ttttccagtc gcaactgcggg agaaagcaag 180
 acaacaggag aaatgaaggc atctccagga gtggaccaga gagcagccaa gccatagaga 240
 agcatcaggt gtgagaatgg aaaacgcaga agagacgtac aacttctgaa agatctcaga 300

<210> 875
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 875
 cttttttata gtgatcactt ttgaattgtg ttcagatatg cagtttcagg tgtaatcatc 60
 agagctgggt agtcaggcat tccagatagt ggttcttttc agaacctttt taaaaggggt 120
 ggtaactac ctccagtagc gaggattgaa ctataccctg tctgtactgt acatagaaaa 180
 tctttgtaga taaaagcaag gcttggttaa tatgatatga gggtaagatt ttaatatacc 240
 aaatgtaaca ttcttagttg cctttagttt cagagggttg taagacttcc tcatgaccat 300

<210> 876
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 876
 cttagttcca caaataatta ttgatttgtt taagcgtgat gtatgtgctt gctcaaggaa 60
 ttagaagatg agtatgacaa agctcattcc ctccaggagt tgagtgtttc agagggatga 120
 agtaaaagaa gattttaaaa ctacaagtag agtgtaagaa gtatcacgag aaacatcaac 180
 aaagggctga ggatagaagg tgataagtct caagtatctc aagatattca gcagtgaatc 240
 ttaacataaa tttgctttta ggggaagaat ttcaagcata ttgataggct ttaaattttc 300

<210> 877
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 877
 gcttccccct tctgtcccc ttggttcctt aatgtggctg agcatagcca agtactcagc 60
 tctgtctcgg gatcctcagg aattccatca gcctcgtggg gttccttttt cctgtctcct 120
 ggaggcaaat tatatgcagc aaaacgtaga actagtcttg tggattttct ttggtggagg 180
 agcatacacc aatggttcca tgtaaaggct ccagaatcag aactggcgct acaccttggt 240
 gtcaccctt cctgtctgagc ctgtctcccc aggagtgaat tgagggtaat attcctccta 300

<210> 878
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 878

gagaggtttg	tcaactgggtg	caaggctaag	atgctcagtt	aaagcaggaa	attacgttgt	60
ttggctgaga	aatacgtgta	atttctaagt	gtgattattg	caagtaaaaa	tgagtgatgt	120
ttcaacaaga	gggttattgt	aattcagggt	atagcaacaa	ttttaatgta	agcgagaaga	180
tgtttgtaac	acttccaaaa	aaatagtact	gtatcagtc	agtgtccact	ttcctccaaa	240
ccttcgtgcc	cacgcacaca	cacataaata	catgcaggat	tcctgagcag	ggaaggatcc	300

<210> 879

<211> 300

<212> DNA

<213> Homo sapiens

<400> 879

cctagtgtggc	catcagactt	tcagcaactt	ttatcatcca	gatagtcacc	aaatgaaata	60
aaatagaaaa	atcccttgag	caatgaaaca	attgtgaatg	aacacaaagt	ccatgaattt	120
aatccttate	cgtttgctga	gccaaagcatg	tgcactctgca	gtgggtggcc	caggctggca	180
gcacagatac	caccatttcc	cttttctttg	ctcagggcat	ggcctgttta	tctcgttgca	240
ccagatgagg	gttggaaagg	atgatgggtg	tggttggttc	agatctactg	acagcaatga	300

<210> 880

<211> 300

<212> DNA

<213> Homo sapiens

<400> 880

ctgacacaaa	attcaggtag	tcattgattat	aacctgatta	cagttctaca	gcagggttaat	60
gaagtttaaa	taattagaat	ctattgtcgt	aaactattaa	aactggttct	ggtcacttcc	120
tttgaggtag	gtaatagtga	gagtgtctatt	ctttcttacc	tcctgggagc	ctgaggcacg	180
atgcagagaa	gaacctcaca	tatcatgcat	catcagagga	ctagagtga	ctcaggaaat	240
atttgctctt	gtcacatttt	cttcaccgga	gctagagact	ttttactagg	aaaaactgcg	300

<210> 881

<211> 300

<212> DNA

<213> Homo sapiens

<400> 881

aatgctgaat	acctaatagt	ttttccaaaa	ttgggtccag	tggtttacgt	cttggatctt	60
gcagatagac	tgatctcaaa	agcctgtcca	tttgctgcag	caggaataat	ggtcggctct	120
atctattgga	cagctgtgac	ttatggagca	gtgacagtga	tgcaggttgt	aggtcataaa	180
gaagggtctg	atgttatgga	gagagctgat	cctttattcc	ttttaattgg	acttcctact	240
attcctgtca	tgctgatatt	aggcaagatg	attcgtctgg	aggactatgt	gcttagactg	300

<210> 882

<211> 300

<212> DNA

<213> Homo sapiens

<400> 882

tctagactct	gtcctcagaa	gaggctctgg	gggcttcccta	tattgagagg	aagatcattc	60
gcacaactct	gccaggaaac	tgccagatag	gagtcaggga	tcaggcctag	aacgcagact	120
gcagaaagga	gcagatgtaa	aagcagaaat	ttaaaacttg	cttttccctg	tcctcagact	180
cttgagggtg	gccattgctg	taagaagcag	ggagccaaga	acattcatac	tggcctcctg	240
cttagcctta	actgaaatag	gccccacgt	aggatgtggg	cctatgtgaa	cttggctgtt	300

<210> 883

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 883

ggggccatag	cctctattcc	tgcccagctg	tggatcctca	gcttgccatg	ttaggtacac	60
tggaccagct	tgtggagcca	taaccagga	gctcaggac	attgagtga	ggtttcttac	120
tcctacctgc	tggccctgtg	gctgtccctg	gtggccagcc	cagctgcagc	aaaacctaca	180
aagcctccag	ccatggtagg	cgtcttggac	ctgccccagt	cagctggggc	ttgggctgct	240
aggggttttg	gcacacgtcc	atgtttggcg	gaggggtgtgc	cttcaaacc	tgaagggcct	300

<210> 884
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 884

gtggtcctca	ctgaagaaag	aaacattctt	cctaaaagac	tttttttctt	cagagttgga	60
gcccacagcg	tggtcaggaa	agagaagtag	ccactgggtg	ctcctggcat	cctcctgctg	120
ggcagccctt	tctcaaagtg	tgaggggtcc	ccttgtgtac	aagcaggaag	gctctgagaa	180
agtcagggtt	gctcctacca	caggataatt	ccgatgaacc	tgaaaagcgg	gttttggtt	240
gtgtgcaggg	actctggtgg	aagaaagggt	gacagcacct	ggcctgggca	tgacacaagt	300

<210> 885
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 885

ctgaaacgga	aacctttcgc	aaagcctgtg	caggcagagg	agctcacaca	catccttgac	60
gtggcactgt	gtcttcaggg	gtgctgccct	cttacagaga	gacagatctg	gaggccatgg	120
ccgttttggt	gagaaatgcc	agaaacagct	tcagtttcca	cctactgctt	catatttata	180
atcacagtaa	tctattttctc	gttttgctat	ttctagagca	acaaattgtg	tgatgcgaaa	240
ttagtaccag	aggaacaatg	actccactta	acaaaaaaat	agcatgggat	ctatgaaaaa	300

<210> 886
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 886

gagaatactt	tatacttctc	agcttcttgt	gtatttgact	gtgacctggt	tataccattt	60
gccactgtga	ggcttagctg	tgcatctgtg	aatgggagat	tgttcttaga	gattgggtcat	120
agttgtccac	ctgcctcgga	aactgcaggt	acaaatgcag	cagcaaagta	tttacattct	180
tacttcaggg	ctgatctcct	atttctatca	gtccttttga	aggcagagaa	tgtaatttg	240
gaacaacctg	catattttatt	caaatttcca	gagagatgaa	actttcagaa	tgctgtgctg	300

<210> 887
 <211> 206
 <212> DNA
 <213> Homo sapiens

<400> 887

caaacctgtg	tcaaattgag	aattactgtt	tttctgaaag	ttgcaagaaa	ttaccaatga	60
attagccatg	gatagaaatt	gaagggttagt	gggtgaaagt	tttcagtctt	accagtaaaa	120
acaagtgaga	atgcactgac	gtccagggaa	aaaaaaacag	atgggggtcag	ctttcattgt	180

ttccccattt tacaaaacca aagcca

206

<210> 888
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 888

ttttgaacta tcaactagat ctgggaagat agaacaggca gcatcagatt gccttgttta	60
caaagtgtca tcacgaaaag tgttcctcta ggaaggcata atatgtggcc tgatggattt	120
gatgagtaga ttgtaaaagg gttgggattc tggcagaaca agaagagata actaattagt	180
ggaattaact gagaaaagag ttcattagca tgttggctat tagactctaa taaaaatggg	240
tgtgaaaaga tgggatttgg acctagaggc agtcttagag ccataatcct ttttttctcc	300

<210> 889
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 889

ggtgaacaaa aatggcccag attcttattc agaaaccaat tcacatttta aaaatatata	60
ctgtacacta ccccatcctc ttcctaatag ctaaagtgat ctaccctaaa acaccaagca	120
gtccttctta cagtttggtc cctcctgaca gttcattgat tacaatgtga aagcaccaac	180
ctgagctaaa atgaaatgag aagcctgatg tttcaggcac caagtacttt aaaaatgtct	240
actggctgtc ctgcagcatt ttacttaatc attttttaga ggagggatga ggactgggtg	300

<210> 890
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 890

caaaggccgt cacaccaagg tcaggccagg agcctaggct aaaggaaact tcaccaccgg	60
ggacatcagc tgctgtggcc agagaagaga acatgaaagc ccacatcccg tgccctgcagc	120
caccacattt gctgtcactt cccagctgaa gtgaggaggg actgttcaga aacatcgaac	180
tgagcaaggt ctctgtctac ctcatggaaa acctgatctg gaaatgacac ttggaataaa	240
ataagattac tcttccatta aaaggaaatc caccocaaaag agagaaatag tgggtatatt	300

<210> 891
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 891

cggacctcta gtgcctgatg ttcactttct tcaggctcctc aatttctctac atttaagctg	60
ttcgggttaaa cttttccata ttcagettga gatcaacctc ctttacataa ctgattattt	120
ttgccttgag gagaaaagat gacgctaaac acagcacaca tgtgtttatt atatgttggt	180
aatgtggaat tcaaagatga aagagacgtg agctgcatca ctaaaaaaga aacatattac	240
ataaatgcaa tgctgatatc atagataata aaattaacac taattttttg atattatcaa	300

<210> 892
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 892

atagaacatg	tcacacacga	actggaaact	gattctgtgg	gcgacaagag	tctatagtaa	60
acgttatgac	agattctttg	aatgcgctaa	tctcagactg	gactaaagtt	gggattaaat	120
ttaatttgta	cttgagttca	gtgcattgct	gttctgggca	taggaaatcc	aggttgctgg	180
tgatgaacag	ctgaaaagag	ctgtgtcacc	atggttgtct	ctgtcagtca	tgtgaccacc	240
cttacccttg	taaaatcaag	caagggagag	attattttct	aatgtaaata	aaaataaaaa	300

<210> 893

<211> 300

<212> DNA

<213> Homo sapiens

<400> 893

gaagttgaaa	tcctagttcc	tggagtcctc	tgtgatggca	aattctgcct	tccttgtttc	60
ttcttttttt	ctcctctgtt	ttcccatttt	agtagttcaa	atggtttttg	tattattgaa	120
gacaggtatg	tctcaaatac	atggaaactc	caaaaaaggc	tcattttcta	tcctcaagga	180
gctttacatc	taatggaaaa	cacacagtga	agtccagaag	gactcactgt	ggactggtag	240
caccatgagg	gctttccatg	aagaaggact	taagccagac	ttagcagggt	gggcagggtg	300

<210> 894

<211> 300

<212> DNA

<213> Homo sapiens

<400> 894

atttgcctta	atcttgggtt	actagtaatg	ctatctgcgc	tgtgcgtcta	aagcctccag	60
aaagattgct	caggcatggc	ctaatagctt	ttatcagttc	actcagtggc	tcttacactt	120
tgatacctga	aacctagagt	taactgtgta	ggaccaagct	cttctgaagg	agtcaactgc	180
tctcctctgt	caataatggc	tgtttatgcc	aaaacagcca	agagaacctc	ccccccccct	240
tcctctctgt	aaagtgaat	ggaacctaa	aatggaagct	agtggctatt	ttgccatacc	300

<210> 895

<211> 300

<212> DNA

<213> Homo sapiens

<400> 895

ggtggctggg	cgcctacaga	actgctgccg	agcagcagcc	aattactgcc	gaagcctcca	60
gtaccagcgc	cgttcctccc	ggggtcggga	ctgggggctg	ctcctctctc	tgcagcccag	120
ctccccccag	tccttgcctc	ctgctacgcc	gatcccttta	ccctctgcac	ccttcaccca	180
gctcactgct	gccctgggtg	aggtattcag	ggaagcactg	gggtgccata	tagaacaggc	240
aaccaagaga	acgcggtcag	aaggaggtgg	aactggggag	tcctctcagg	gagggacaag	300

<210> 896

<211> 300

<212> DNA

<213> Homo sapiens

<400> 896

gtgatagaga	tcatgccgct	tgggttgctg	agttctcccc	ctcgttgtaa	ttcagcaggc	60
ttcccagtgt	tccttgcctc	ctcatctgtg	aggccgactt	cactatcatt	cccacttata	120
ggtggaggag	actgaggcac	agagctccca	aagccccaca	gctggcgagt	ggcagggcta	180
gcgtgcgatg	tcactagac	tgggtgtctga	cgcagaagct	gcgcttctca	cccctgggat	240
ctggaagata	attctgatgt	gtgagatcca	ggagaatgca	ttgttttagcc	agaaaatgtt	300

<210> 897

<211> 300

<212> DNA

<213> Homo sapiens

<400> 897

tgtacatggt	ccagtgggat	gggaagcagc	agagaccaac	agagtctgaa	gaagcaagct	60
tctgagttat	gaaagcctgg	gttcaggaga	ctaacctata	tgtagggtcc	taggaaagtc	120
cagttaaagg	gcctactttg	ccactgctgc	ctccttctta	atgctgaacc	tcctctccca	180
caagggggca	gtctcagcag	gtgtcagctg	agccatgtgt	catctgtcca	ggctaactgc	240
ccacacatcc	ttctgcaaag	ggtacctctt	ggttatcagt	gtcactgat	ccctatataa	300

<210> 898

<211> 300

<212> DNA

<213> Homo sapiens

<400> 898

gtgaggggct	gtctggccct	tctgattttt	tggttaacgag	acatggattg	tggcatcaag	60
atntagattc	attcctctgt	ttgttggagt	cattgaagcc	agtatatcct	ggacattttt	120
taaagaggtc	cccattctga	gaaaagacag	gagttgaatg	tcttattgat	tcttaccttt	180
ctgttcgtta	tagacacca	gaggaaacaa	atgcccagaca	cggattcgac	tcagtcataa	240
gtgtgaacca	aataggccga	tctgggttct	ctcactgact	gaagaggaag	agaaataaga	300

<210> 899

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (297)

<223> n = A,T,C or G

<400> 899

aattaagntt	tttgggttna	ntgccctnnc	ntnaantttt	taaagcagnt	ttganttttg	60
nctggnttna	aantgngtnt	taangnangt	gangagnnnc	taaaattttt	ancntgngg	120
nncccccccc	tttttttttt	gcattgtatg	tcaaaagcgc	ttgttctttc	gtgcatgtgt	180
aagatttaat	ggttccattg	tattatttga	ccatgacatt	ttggagaaac	attcccagct	240
gtaatgttgt	gtatggtagt	tctcactgga	tgctagagtt	ttcaaaacca	ctatttct	297

<210> 900

<211> 300

<212> DNA

<213> Homo sapiens

<400> 900

cttgttttaa	agataattgc	tagatttatg	tttttagcttt	ccataaaatg	gaataacata	60
aaataaaata	taaataaaat	atgaaataaa	ataaaagcca	tggggaaaag	gtagggtttg	120
attgctaata	agaaatttct	tggaaaagag	actagctctc	ttttggtttt	ccaaagtcca	180
cattttataa	catttttagt	gcttgggtgt	tgcttgtggt	attacattag	ataaaaaatg	240
atcacagtgt	tggttttatac	tggatgttta	aataggattc	attgaaaggg	gtgtgttttc	300

<210> 901

<211> 300

<212> DNA

<213> Homo sapiens

<400> 901

ctggaagggtt	actgcaaaga	cagcctggtg	aaattggttg	gagtacagag	gctttaatgg	60
gttctttgag	gtcaggtaga	ggttatgggg	ggagcactac	agtgagcata	tacccaaaat	120
gaagccagac	ttccaaggta	cgttctcact	ggagagggag	cttaatggta	aagtttaaac	180
tttaagggtt	taggttttag	attaaggccc	aggagatcca	aggggaagga	ggagggtagg	240
aatcagaga	taagaggagc	tggtgtcatc	gcaggtatag	taataattaa	gatatgttaa	300

<210> 902

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 902

attatgaaca	gatatggagg	ccagagctca	tttgggtaaa	cttactcctg	ctgagtttagc	60
aggttggtga	gagaagctcc	cctgagctca	cctgtctctc	tgactgcctt	ggagtaggtg	120
gcataacctt	gtgcacagag	aactagaaaa	ggggcagaac	cccggccttg	cagttgtggc	180
aggtttccac	tgtggtaagc	taggttcatt	cctcatcaag	gaatgtgtag	cagattgttc	240
actgtggagg	agttaattat	agaatgggtt	attgttgnta	ttcttactca	tgaagttaca	300

<210> 903

<211> 300

<212> DNA

<213> Homo sapiens

<400> 903

caaagcttga	tctattaata	tattgatcag	agttccatga	tccttttcta	aaatgggtggc	60
tttattttgc	cagaataatt	ctgcaggggtg	tttttttttg	gacggagtct	cactctgttg	120
cccaggatag	aatgcagagt	ggcacaatct	tggctcactg	cagctcttgc	ctcccagttt	180
caggagaatt	gtgtgaacct	ggaaggcgga	ggttgcaagt	agccgagatc	aatcaccact	240
gcactccagc	ctgagcaaca	gggcaagact	ccatctcaaa	aaaatttttt	tttggattta	300

<210> 904

<211> 300

<212> DNA

<213> Homo sapiens

<400> 904

tttctctttc	ctttctgcac	aatttagttc	taaagccacc	aggcagggca	gaggaaggta	60
aggctttcca	tggtgcttag	gagcaggggt	ggggttggtta	tcataacctta	agcaaagtta	120
caagggtaat	ccatatgggg	tagcctggtg	tagagagtca	gggccccagc	aacattaagg	180
acatccctgc	aggatggcag	ccaggcttgg	gggtacaaga	ccctaaacag	gatgatgaga	240
gcctcccca	ggagaggtcc	caggtataga	gtgtcagagc	ctgagcagat	gaggaaggca	300

<210> 905

<211> 300

<212> DNA

<213> Homo sapiens

<400> 905

tttgaactcc	cttagcaagc	tacttgtctt	tttgcaggat	cccatcggat	tgtctgtctcc	60
tttttcagat	attactggat	catcagctgt	aaaggctcta	tgtttaatta	tgtctagcat	120

ttgaatggta	acagcgcaga	tgttacctgc	ctataatcct	cctcctctct	acagattttg	180
ctttgttctt	gcttcttggt	tttgagatcc	tgacacacaag	ttgaaattaa	ttaaaaaacag	240
tagagcaact	tagtctggat	aagccttcat	ctggcaaata	atgttacact	gccagagatt	300

<210> 906

<211> 300

<212> DNA

<213> Homo sapiens

<400> 906

ccaagatgcc	aatttccatg	aagtcttgat	ttatatatat	gtacacatgt	tatgcacata	60
catgtttggt	ttctaacagt	tattttttta	gcttttgaga	taattttaga	cttacagaag	120
agttgtaaaa	gtagtagagt	tcttgatac	tctgcacca	ccttgccctt	atgttaacat	180
cttaagtaac	aatagaacat	ttgtcaaaat	taagaaatta	accttgatat	aatactaact	240
aaagtagaaa	gtttaaaaag	tagagatttt	agtcttttca	ctaattgtct	tttactgttc	300

<210> 907

<211> 300

<212> DNA

<213> Homo sapiens

<400> 907

ggctattaaa	aatgtaatca	gtgtgaaaat	tcattgccatc	tgaatcgtag	gagtatgtaa	60
gggatttgag	ttccttacag	aattttctgt	aatttagtac	ttcaagtgac	ttataaatgt	120
atatacttct	ctctcacaaa	agtgttagga	gaaggaaaat	cttaaatact	agcttgattt	180
cttaatttaa	taacaaaaaa	caattctcat	aacatgtatc	acctaacatg	tcactttcac	240
tttaaaagtc	taaagagttg	aggtttattt	cttttctttt	aaagttgatg	tttatgttgg	300

<210> 908

<211> 300

<212> DNA

<213> Homo sapiens

<400> 908

tcaccatggt	gccaggcta	gtcttgaact	cctgggctcg	aatgatcctc	ccaccttggc	60
ctcccaaagt	gctgggatta	taggcgtaag	ccactgtgtc	tggcctagt	tatgattatg	120
catgagtcac	gcaatgttct	ggtcctggat	tccaggagta	gaggacctag	ctttaaatca	180
attagtttca	gctaaactga	ctagaaccag	gtcaaaagtgt	aattctccct	ccagctcccc	240
caaaactaga	gttgggggga	actggaggga	gcaaaacact	gatttgatac	tagtcagttt	300

<210> 909

<211> 147

<212> DNA

<213> Homo sapiens

<400> 909

gtcttctgt	gcagggtgct	ttggtagcca	tcagagagga	accaagggca	acatcttttc	60
ttcccaggcg	ttcttctctg	ggtgctttat	tctcttcttt	ttctttattt	cgccccacc	120
cccatccct	gccttttttt	ttttttt				147

<210> 910

<211> 274

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 910
 ccaacttggg tgaaggccag cgcagagccc aaactttgtg aatcagtaac acgtgtatgg 60
 aacattcact tacatgcaca gaggtgcca gggacagcct aatttaagat tcatataaac 120
 acatttatct ggcaacataa gttaatatgt tggtaggagt cccaccaagt taaaattcta 180
 aagtgtttga atatgggcat ttttaaagaa agaatctgca taccataaat tcacgctttt 240
 aagtgtatga ntcannngna anantggatn nnca 274

<210> 911
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 911
 aacagataga gacttgggtct taaaaaaaaa ggaaaagaaa aggaaacaaa aaattatctg 60
 ggccataagg tgtgtgcctg tgctcccagc tacttgggag gctgaggtgg gaggatggct 120
 tgagccctgg aggttgaggc tgcagtgagc catgattgtg ccactgcgct ccagcctggg 180
 tgagagagca agactctgtc ttttaataata ataataataa taataaagtg gtcaggaagg 240
 gacccccagg gaggagcata aacctctcca gtggctgtga tttgtcagta aggacatggg 300

<210> 912
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 912
 gcaactcctc tccaatgagc tactcctgac acaaatggag aagtgtgccc tcatggaagc 60
 cctggttctc attagcaacc aatttaagaa ctacgagcgt cagaaggtgt tcctagagga 120
 gctgatggca ccagtggcca gcatctggct ttctcaagac atgcacagag tgctgtcaga 180
 tggtgatgct ttcattgcgt atgtgggtac agatcagaag agctgtgacc caggcctgga 240
 ggatccgtgt ggcttaaacc gtgcacgaat gagcttttgt gtatacagca ttctgggtgt 300

<210> 913
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 913
 cagaatccct ttttcctttt tttgttaaaa gtactcatcc ctaatattac attgttcttg 60
 aaggactgaa aataacagaa ctacgacca tgatcggacc gggacaatca gattatttca 120
 ttctcagca aacggagatc gatccgaaaa gtggaaatat gagctcttct ttggtgttgg 180
 catatggacc ctgagagaaa gaactttaat tttttctctt ggactgcaat aaagtatagc 240
 tgccataaat acgtttcctg acacttggag gtttgtccac aatcgggaaa taaaggcaag 300

<210> 914
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 914

cctaaacaga atcccttttt cctttttttg ttaaaagtac tcatccctaa tattacattg	60
ttctggaagg actgaaaata acagaactca gcaccatgat cggaccggga caatcagatt	120
atctcattec tcagcaaacg gagatcgatc cgaaaagtgg aaatatgagc tcttctttgg	180
tggtggcata tggacctga gagaaagnac tttaattttt tctcttggac tgcaataaag	240
tatagctgcc taaaatacgt ttcttgacac ttggagggtt gtccacaatc gggaaataaa	300

<210> 915

<211> 300

<212> DNA

<213> Homo sapiens

<400> 915

ggcaaatagc cctaggagtc ccattttttt aagctgaggg aaataatttt caagaagctt	60
gtcttactag tagcatcatt ctttttttact ggctcacagc ttggaagggg tgatgggttt	120
tcctatgaaa gctaacaaca tttagagcaga tccagtgtgc tggtagtca cagtgaagtc	180
gtggagtgtc aaggaagcct cctggtggaa atgtaagtcc agagaagggtc tgcagaaaat	240
acagggtgaa atgttatcaa ggagccaggg tattatttaa gaagaggagg gaggggaaaa	300

<210> 916

<211> 300

<212> DNA

<213> Homo sapiens

<400> 916

tcgaagagga gaagcatgtt ccaaaaccct taactttggg aatttagaac tagctttttt	60
actatcttct gcacagcata acttcagtct ccttttacta attcaaggaa atctcagtga	120
acaaattgta taagggtaga tgagctaaaa gctcactgag tcattaattt gtcataactc	180
atctaaatac aatgattagg cttgtgtagg tgtccctagt ttctctttct aaatcatgtc	240
ttagtaggga cagagcaata atgggtggatc gtggcaacgg gaaggaagat gatgtgtcag	300

<210> 917

<211> 300

<212> DNA

<213> Homo sapiens

<400> 917

tggtgtgca ttctaagctt aacctcctgg tctcatggca gtgacttgag cttttgatcc	60
atagaagaaa gccagaggtt ctgcttgctt ttgtctgcca gccctctctg ttctttctcc	120
tctgcctctc acctctaccc caaataacct tgttcttagt ctcaagggga gaataacatc	180
agggagcccc tcatcttccc cagaaggact tctcgttccct catgtagtta actccattga	240
ttttcctatc ttggtgctga tagctctcta agggtagggc acacctcccc acagccaccc	300

<210> 918

<211> 300

<212> DNA

<213> Homo sapiens

<400> 918

caggaacgca acaaaactcaa gtcgcagctc ctggtggtgc aggaagagct gcagtgtctac	60
aagagtggcc tgattccacc aagagaaggc ccaggaggaa gaagagaaaa agatgtgtgtg	120
gttactagtg ccaaaaatgc tggcaggaac aaggaggaga agacaatcat aaaaaagctg	180
ttcttttttc gatcggggaa acagacctag atccaaggcc acaagtaagg ctatggctct	240
gattctagaa gacaaccttc caagatgcct ggcaaaacca cctccctgtg ccacacagac	300

<210> 919

<211> 136
 <212> DNA
 <213> Homo sapiens

<400> 919
 gtaagggagg gggtagggct gggttattaa gatacaggct gctgtatttt acattgggtg 60
 tgggggaagg ggagcctgga gaaaacaaag tcactattcc cttttttgaa acaggaaaaa 120
 aaatattttt tgttca 136

<210> 920
 <211> 135
 <212> DNA
 <213> Homo sapiens

<400> 920
 cagactcgca ttatggacaa gtcccttctc cccacacaaa ggaagacata caccgcatag 60
 tccatttcat ttcagctcct gatggcatct gaccgcctg gacacttccc agtgggtctgg 120
 cttttggagg gagag 135

<210> 921
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 921
 aagcagaaat gtgggtggtg tgactggggg ttggtgaggg gctgctgtgg ctggaatgga 60
 gggctgccac aataatggaa atggtaaagt aggcaagtaa ggttgactg gtggcatagc 120
 gtcaagggtg ccagctttat taaatcactc ttccaatatg ctagcactgg cctgttgagg 180
 aaagtaatac atcatgtaat cgaacaaaag acagaggcaa gctccaggaa tgggcaactgt 240
 aaacaggact tgtcccagag tagccagatg taggctttag gtaagttgat gcaagctgag 300

<210> 922
 <211> 280
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(280)
 <223> n = A,T,C or G

<400> 922
 tctcgatctc ctgacctcgt gatccgcccg cctcggcctc ccgggggtgct gggattacag 60
 gggtagacca ccgcgctggg cctggatcaa atctttatcc atgcacattg gaacacagga 120
 ttactgggtt gaaatcattc tagttttgtc atttagatac ttgtacgatg aatctatttt 180
 agcacaaggg ataaataact cgnnangnca tctntanntt gtntnntttt gtgnntttgn 240
 ntanaccacn ttcangntcn angnnaactt tncttnggat 280

<210> 923
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 923
 ggaaagggga cagagcagag ccagttgttc cacacttttg gaagcaggag tagcttttat 60
 catcttctc tggggagcag gcatagagac ataaactgag tgaaaatggg tggaggaaga 120

```

actttctatac ccacgaacaa catgtgaaga gagagaacca aacataaagt aaggagggtg      180
agttttatttg tatgttgctt gctgacaact gttttggggg cgcttcagtg atatacatto      240
atagaaagac tttgttttat ggcagattag tttacaaaga gtattctgca agtgggatta      300

```

```

<210> 924
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 924
ctcaaaacca aatctcaact cagctacaga atctactgtg gtccttgtct gaaaaaatta      60
gttcaactcgg ttggaatctt gtctcagagc atcctcatct ctttctcaaa agcccctacc      120
ccaacaccgg cgtgttggtt gtctattgaa acttacaagt ggatggaccc tttctcccga      180
ataaaactggc ctttgaaagc tctaatacgaa atgggtttggc aaaatccata ctgcaggaga      240
ttaggggagga caagaatgat gtgccttttt gtactgctga gcctgatggt ggtgccacta      300

```

```

<210> 925
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 925
ggaaacagct ggactagaga tacacatttg ggcatatata tatatatata tatacagtat      60
atatatgcac gctgatttta tatatatata tatatatata ataattatgg aagtcagtga      120
gattgtccag ggcaagaata taatgtcata tgagagggga gtccagactc tcaaggaacg      180
cggacattta aggggagagt ataataggat gggccgtcaa agtctaagtc agagcatcct      240
gatgttggag gcaaagcagg agagtgtgga ttaagcagct agacattggt tactggggca      300

```

```

<210> 926
<211> 295
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

```

```

<400> 926
atttcagcct gggcaacata gtgagactcc cgtccctaaa aaaaaaaaaat cccacaatcc      60
tatcacacag agatggcaac acttaccatt tgttctggtc acctttggaa ggaactttta      120
aatcaatgtc ttgcttctct gtgggttctt ttgtgactca cacctgcttc tgggtatagt      180
atgactataa agttgatttc ttgggtaagg tatgatctat gagaggaagc ttctaatttg      240
atgagcatca gggnantttt anctggtata cctttntttt gccctctcca atcaa          295

```

```

<210> 927
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 927
gtggtagcag gcaactagata agaggtgaac cagtgtggag gcaggagggg taggaaagga      60
gatggaggca ttattaccaaa ggcattgatag aagccatggg atctgataag tggtgagaac      120
tggaagagaga gggacaactc tgaaatttgc ctctgattgc agttaaatga tagcatgcta      180
atgacagagg tagcagtagg ttggggagag tgtagtagta tttctgtttt cagtacactg      240
ggttttaagc attgacaagc caccaaagtc aaatatcaag caaagagtgg cacatctagg      300

```

<210> 928
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 928
 gcgattttatt tcacagagtt aagggggccag tacacttcat ggtataaaat tatctttttc 60
 aggggatgaa ggcacaagga gaaaattact tgaagcttgg agatcttctc tggcaagcaa 120
 ttacaaaatt ctggtgttct ttgatctggc tccccgcca gacaaccagg gagttcttca 180
 tgttctagcc tcatgtgttg cactataggc agtaatttgg catcagccat agaggaggga 240
 tccgatagtt gtcattgctg cccgccacat atactccaca tggaaatgata ctcataatgc 300

<210> 929
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 929
 gggacactgg attctcattc tactcaaact cccactagga ctggttggtt gttcgcttct 60
 caagtgtttg tatttttctg agttaatatt tttgggtgta atttacatgt aggaaaatgt 120
 acacattttt agtgtacagt tcaccaagct ttggcaagca tgtatagcct ggtaaccac 180
 aagccaatgg agacctagaa cattccctg accccagatg ctgggttctg tgtgccttcc 240
 cagggttgt ggctgggcac atcaggcatg gcgggtacca tgccctgacag ctctgaacca 300

<210> 930
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 930
 gaatgggtag gaacaagcat tagcctggtc tgggttctc cagctcttag gacaagttgg 60
 aacagatttg ctgttctgat gattcatctt tctgatcaca gggatagcag aactcagctt 120
 tgaagaaaag catctgcaga gatcatggca gttccatttt gcgttctgag tttgctcctt 180
 taggtaaggg aactagaatg cagatacagt tagaatcagt ctctctctct ctggttgtct 240
 gtctgtctgt cactctctct ctccctattg cactgagggc cgggcgcggt ggttcacacc 300

<210> 931
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 931
 gtcattgagaa gagccccaga tgggacaccc gttcttctct gtgacattag ggaatttggt 60
 acagctttct ggatcagttt ttgcctttaa gatgcatttg gactcatcaa acccagaaag 120
 tgtagagcaa atattctat tccatgtcc ttggcagaca ttgctaactc atctcagggc 180
 tccaacagag ttgggtctca gccttaccag cctggcagcc actagacttg atccctgaga 240
 tgaaacctct tgaccacaca ggaactccat gatcttgaag ctcccttctg gctctataac 300

<210> 932
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 932
 ccaacatggg ggtctcaaac tccccacctc aggtaatcca cctgcctcag cctccaaaag 60
 ttctgggatt gcaggagtaa gccaccacac ccgtcctcag tgccctggact tctgcagtgg 120

```

acttcccttta aaaatccctgg aatatacaact gcagtaaaaag aacaaagcat acttcagtcg      180
ttaagggctg aggtatgctt tgttctttta ctgcagtgtg tattccagcc ttaaaccgact      240
gaagaagaat gtcaagtggg gaagtggctt tggttttcag tttgtgggtt ctgaatccac      300

```

```

<210> 933
<211> 264
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(264)
<223> n = A,T,C or G

```

```

<400> 933
ctgaagcagt gcaagtacta ccatgggtctg agctccctgc cctgaagagg tcggtgcaga      60
ctcgggggcc agtcctgcac ccacctctac cctcggccga cagccagacc acaacaccag      120
attgtacca gatagctggg attggaagtg aggaggtttc tcaccccaca gataacccaa      180
gacacaaatg tgcaattaaa agtttatttt agaccacaaa aaaaaaaaaa aaaaaanntg      240
ngccttnaa anttntgggg ggnc      264

```

```

<210> 934
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 934
gatgtcctgc tatacaccat ccaactgcct gcccttaag cctcacatct ttcattcttc      60
ctagttccaa cccatgggtc ccagacgatg actctgcctc cctgttctgg tagcattcac      120
agattgcctt gtttagtagc ctttcacatg agatccactt gacagccctt gtccctcacc      180
ctcctcaaac tctcaccac actgaaactc ttccagctcc atgagtaggt tcttgggtgg      240
tttcttcacc tgcaggttca ggtcaatgct cagccgggga ctcgacaggg atgctttgca      300

```

```

<210> 935
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 935
accaaagctg ctggagcctg aggcagagaa ccagaggccg gaggcagact gcctctttac      60
agccaggaat ctcagaggat ttgaaaaagg tgaaggacag gatgggcatt gacagtagtg      120
ataaagtgga cttcttcac ctcctggaca acgtggctgc cgagcaggca cacaacctcc      180
caagctgccc catgctgaag agatttgac ggatgatcga acagagagct gtggacacat      240
ccttgtagat actgcccagg gaagacaggg aaagtcttca gatggcaagt aggcccatc      300

```

```

<210> 936
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 936
gagccatggc agaaaatcag tgatgtcatt gaggactctg tagttgaaga ttataattca      60
gtggataaaa ctaccacagt ttctgtgagc cagcagccag tctcggctcc agtgcccatc      120
gctgcccatg cttctgttgc tgggcacctc tctacatcca ccaccgttag tagcagcggg      180
gcacagaaca ggcacagtac aaagaagact cttgtcacac taattgccaa caacaatgct      240
ggcaatcctt tgggtccagca aggtggacag ccactcatcc tgaccagaa tccagcccca      300

```

<210> 937
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 937
 tcttcttagga atgaggggca tcagcccacc ccaggcacct cagtgggggt cggggccacc 60
 tcaggactcc aagaggctgt gtggagccac cactcctagc cacagctgcc atgataagtc 120
 cttccatgaa ggactgagga gggagagtgg ggggtccaggg ctgggtgctgc tcttccctca 180
 gctctgccgg ggctctaagg tccctctatt tatttctcaa ccctggctgg cctctcacca 240
 ggagtttagg ctgaatgcct tccacgtgat ggaggaaaag gccaaactctg tcctgggtctt 300

<210> 938
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 938
 caaagtactg ggattacagg catgagtcac tgagcccagc ctaataaaga actttctgac 60
 agtgaaaatg gtctgtgcat ggtgtgggtg ggggtgagggg gaggccgggc gtggatggag 120
 cagcagggag gttgtagaca atgtccagac atcagagaga gggctgggct ctgactcctgt 180
 gccaccctga aaggctttga tcctatggtt tggtcagaaa cagagcctgt aaaacccatg 240
 tatgcagctg ttgctaaggg caaccacaag atgctcaaag gaccttaaag atgtagatgc 300

<210> 939
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 939
 wcgtgtgtgt gcacaaagcc cctaaggttt catgtgtaca caccgggtgt aagtgttttt 60
 tacacccttg agcatctctc ggctgggggc tcctgtgcag gttgccctga gagttggggtt 120
 ttttagttcaa aaagaaggaa cacagatgac tactctgctg gcgacacggc cactctgctg 180
 gcacgcacat agcatggcgc ctcccttttt gggggactct ccttgggtgg atctctggca 240
 ggctgagctc tctccagctg cagttctgga ccctgtctgg gttggggagg ggcatttgggt 300

<210> 940
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 940
 gctacaccca gttctcccag ttcaacaagg acgactcgct actgctggcc tcgggggtgt 60
 tcctgggggc cgcacaactc ctcatccggc gagattgctg tcatcagcct agactccttc 120
 gcgctgctgt cccgcgtgcg gaacaagccc tatgacgtgt ttggctgttg gctcaccgag 180
 accagcctca tctcggggaa cctgcaccgc atcgagagata tcacctctg ctcggtgctg 240
 tggctcaaca atgccttcca ggatgtggag tcagagaacg tcaacgtggg gaagcggctg 300

<210> 941
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 941
 ggcttccagg aaaccaggca agggatatgcc cagggttttg cctcctgggt ttgtttcacc 60
 tgtcccactc tactgtgaga tagagcttcc agagttgttc acagggttga gatttttcgc 120

tctgaatttg	agaggcaacc	gtatctggcc	ttctaaggag	gcagggagct	acctgggagg	180
caacactgac	aggtcatttt	gcttcagtgt	caagcatttt	tttctctctc	ttttgttgtg	240
gcagctcagt	gttgacaggg	ctccacacgt	cttctttgag	tagtgggagt	atgtgcccc	300

<210> 942
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 942						
cctcgggggg	aggccagccc	ctggctcact	ggctcagggc	aggtgggctc	tcggggaagg	60
tgctcggggc	cccctaggag	ggagcgctgg	ggacattgcc	atgggacgga	agtctgcttg	120
gcagtggctt	tgataagcga	tgcttggggg	tcagaccacc	ccctagagga	gccacgtgcc	180
gcccagccac	cttcaatgcc	tgccaccctg	cccgaggatg	tacagagccg	tgcccacaca	240
tttcttgca	acttgatcaa	atttcttaaa	gcaaacaaca	aaaatgtaca	tttctgtttt	300

<210> 943
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 943						
ggaagctcca	ggcctggcgt	gctggagtca	cgagatgagc	tgtccaggca	gcatggcatc	60
gtgagtgaac	tccgaccgtg	gcaggtgagg	cttctgcact	tagctggctg	tcttcatgtg	120
ggccgattct	gtggtttagt	attctgattt	ctcatctgaa	aagtgggtgca	tcacttagcc	180
cctccacac	ttggagggtt	ctactagtgt	gcctgcgtgg	ctgggttctg	cacactcagc	240
tacttttagt	tcttttagtct	atccttaaaa	agattcctag	gtgtgttctt	gattttgagg	300

<210> 944
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 944						
cccagcagag	cagcctcatc	agagaggaca	agagcaacgc	caagctgtgg	aatgagggtcc	60
tggcgtcact	caaggaccgg	ccggcgagcg	gcagcccgtt	ccagttgttc	ctgagtaaag	120
tggaggagac	gttccagtgt	atctgctgtc	aggagctggg	gttccggccc	atcacgaccg	180
tgtgccagca	caacgtgtgc	aaggactgcc	tggacagatc	ctttcgggca	cagggtgttca	240
gctgccctgc	ctgccgctac	gacctggggc	gcagctatgc	catgcagggtg	aaccagcctc	300

<210> 945
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 945						
gcttctctgt	ctttgtattt	tggctaaagg	cggtgaagtg	agaggcggag	ggggatttaa	60
aaccagcaga	aaaaggcttc	ttgttgggct	gatggtgttt	gtgcgagaag	ctgaggtggg	120
cagggaggag	agcctaggag	agcgttaggg	ctcatgggca	ggccgttggt	gtacgccttg	180
gcccctgctg	tccccagtcc	caccactgtg	gactccaggc	catcctcagt	ccagggtggc	240
actgtggcct	gggccacatg	ctggcgatga	cggggatggc	cttccacatg	cctgttctct	300

<210> 946
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 946

agtacagtgc	caggcagcta	ctctcatgtg	gtcagatggc	acattcacaa	cagtccttta	60
tcatgagcct	cctacatgat	gacccctgcag	ctgccacttg	ctcctgtatg	cctattcacc	120
accacctacc	tgtgtttgca	agttccatga	ggaagggccc	atgcctcctc	ctgcttatca	180
cagtgtgtcc	aatcagtg	ctggttcagg	gcctgtgtgt	atgggacatc	tcctaggcac	240
cacttcacac	cctctcagcc	ctaccttcca	ctccagccac	cacctcagca	accagttctg	300

<210> 947

<211> 300

<212> DNA

<213> Homo sapiens

<400> 947

ctccgcagca	ggcccttget	gtccccccac	ctgctggctg	agctcctect	ggcctcgtec	60
cctctcagct	gtagctgcac	cacccccgct	ctggetacca	ggctctccc	gctgggact	120
gcgtggcctt	gccccctctc	cgctggcagc	tcctcagggg	aacaggggct	accagaggct	180
gattttctccc	ctctcctggg	ccaggggagg	ggtattatcc	ctgcctcctg	ccccgatgc	240
ccaaagcagc	atcttccagc	actttccatc	gaggacttgg	gtggcagagt	gtgggtgcag	300

<210> 948

<211> 300

<212> DNA

<213> Homo sapiens

<400> 948

ggtgagggga	gatggcaaga	acctttccag	ttatgtcagt	ttgaagtgc	tggccaggca	60
ttcctttatc	atcaagtccg	atgtatgatg	gctatcctct	ttctgattgg	ccaaggaatg	120
gagaagccag	agattattga	tgagctgctg	aatatagaga	aaaatcccca	aaagcctcaa	180
tatagtatgg	ctgtagaatt	tcctctagtc	ttatatgact	gtaagtttga	aaatgtcaag	240
tggatctatg	accaggaggc	tcaggagttc	aatattaccc	acctacaaca	actgtgggct	300

<210> 949

<211> 300

<212> DNA

<213> Homo sapiens

<400> 949

attcctttca	tggtagagta	tttaccocaa	gtcatgatta	aatatctgtt	tatatatttc	60
tttattggat	tatttggtta	ttttctctct	tctagactgc	aagctccttg	agcagaccat	120
gtttattttg	tctaccacag	gtgctcaata	aatatctttg	actattttatt	acatgagaag	180
gtttccatgc	aaacacccat	tgaatacgat	tgaacttgaa	ccctaagaga	tgggctgtga	240
cctttgttgc	cctcaaaacta	atcaaagggg	agtgatattc	accatccaga	atctagaata	300

<210> 950

<211> 293

<212> DNA

<213> Homo sapiens

<400> 950

ggagggcact	gcctcctgg	aagagatgca	ttagatcggt	aggcacagaa	tacctttaca	60
tgagaccatt	tagagaatga	ttaggggcca	aaggtaagg	gtggactgtt	aagccaacag	120
ggactcagag	aaagcaagg	tcagggtgac	cagaaataga	gaaaaaaaa	ccttacagag	180
gaagaggacc	tggacctgag	ccacagagga	tgggtagaac	ttagaaggag	ggaatgagcc	240
cagtctgaat	gatatgtcta	caaagtatac	aatatgcaat	gatgattaac	tga	293

<210> 951

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 951
 gagaggccat ggccccccag accgtagtct cagacacaga gctgagtatt gttgaatcat 60
 ctgtgatcag cttgctgcag gaggcagaaa gtaaatctga acttagtcag aacatctctg 120
 cccgggaaca ttttgtatct accgatattg atggccaagt gtatcatctc actggtgaag 180
 gaaactcagt aaaagacagt gctcggattc caccagatgg aagtatgggt agtattacct 240
 gcacgccttg gaaaggtgat acattagtgc ttggagatat ggatggaaat ttaaatttct 300

<210> 952
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 952
 agagctcacc ccattgtatat ttccacttgg gagcatcctc ttccaaggg ccactttgag 60
 gtgaaatggc ttttttacat actcagcctc aatttggtcc taaaatcagg agacattcac 120
 ccttctccac cccaatttcc aacatccctt cctttgtaga gagagcctc tggaagccac 180
 tgagcccat agccctaggg cctagaccac tattccaaaa gggaagactt ttccattact 240
 atgacagaca cccaggtctg agtcctctgc ctgcactcaa agctctaacc ccaacctctt 300

<210> 953
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 953
 gaaaatatct tcaagcactt tataaataaa ttatatgtct gatactagcc ttccattgcc 60
 tggatcacat ctgattgtcc tggtaatttg agaaaagggt agccccttgg tatggatagt 120
 agcttgatga catggaattc agggaaaaga ctatgatggg gtcacttgta actgcttttg 180
 tgctgtaaaa ttgtcatgga ttaagaagag agttggctgg gtgcggtggc tcacacctgt 240
 aatcctagca ctttgggagg ccaaagtaag gactgcttga gcccaggagt tccagaccaa 300

<210> 954
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 954
 agtcaatgct cactgaaagt ctgtcttagc tgctgtttg aatgactgtt ctttttctca 60
 tttttaattc ttggactcat gtctcattg cttcactcaa ttaaaaaaaaa attattctcc 120
 agtccctcc cactttgctt cttgtatgca ttgtgaccga cccacttcc tcagaatgta 180
 acggggccag agggaaactt ctacaaaact tcgtagagcc tcctcagggg aagctaggaa 240
 gaagacatca aatgttttta agtcatgacc aaacaggctt gttgggggaca tatcatggg 300

<210> 955
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 955
 cccagctttt gagagcaact gcaaataaaa ccgcgactct tctggaaaga atcaacgtta 60
 tcgtccacct gctgggccag cttgccgcgc gcagtgcagc gagcagcaat gccgttcagt 120
 gactgcacag agccgtgtcc cagacacgct gtcagtgcct tcaacacgga gccggtttgt 180

tcattcggtg ctttgtttca ttaaataata gggaaatatc cattttaaac aggtatatca 240
gtggaaacac agagttatct taagtgcacg acaaattacg gttgagttct gtggcttctt 300

<210> 956

<211> 300

<212> DNA

<213> Homo sapiens

<400> 956

cctctgcgcc tggccccggg tgggtcagcc gcggtggacca cctgaccttg gcctgcaccc 60
ccggcagctc cccacactt ttgcgctggt tccacgactg cctgggcttt tgccacttgc 120
cgctgagccc aggtgaggat cccgagctgg gcctcgaaat gacagcaggg tttgggcttg 180
ggggactgag gcttacagcc ctgcaggccc agccgggcag cattgtcccc actcttgttc 240
tggctgagtc ccttcggggg gcgacgacac gacaggacca ggtggagcag ttcttgcccc 300

<210> 957

<211> 300

<212> DNA

<213> Homo sapiens

<400> 957

ggagagagcc acatggagga gagccatgct accctaactg ccatagctga ggctatcctc 60
gatcagcaca catccattca agcaccagac actggagaaa gtccacttga ggtcagtaga 120
gctgcctagc agatgcccaa ctgacccaaa aagcataaga cataaacatt tattgttgta 180
taccctctga agttttgcat gtgttacacc atattactat agtaatagat aattgatata 240
aatgtcctac atggcctgga ccatgcattc cttgctaaat ttatttcttg ctactctgtc 300

<210> 958

<211> 300

<212> DNA

<213> Homo sapiens

<400> 958

ctgcctcctc cttaggcaga gagctccttg gttccatttg aaaaccttcc tccccctttt 60
gctggaattg agagactgag gacacaaagt ggtgtgctgg agaataaact agagcctgtg 120
gtgccagact ggcaacttgg ggattgtgtg agtgaggag agattgtgca gagctaattc 180
taacattgct gatgagtgga cagaaacat aggcctcatg aatagtgatt tctgaagtca 240
aagcccagta tgcttaata tcaacccaag tggtttggga gaggggagca cagcttactg 300

<210> 959

<211> 273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(273)

<223> n = A,T,C or G

<400> 959

ccenttnyna ctncccaatg gnggntttat tannnnnnnaa gaaaccaggg gaaatattaa 60
ttttaatat attatccacct caaaataatg gaaaagaggt ttttgaattt ttttttttaa 120
ataaaccctc tcttaagtgc atgagatggt ttgatggtt gctgcattaa aggtatttgg 180
gcaaacaaaa ttggagggca agtgactgca gttttgagaa tcagttttga ccttgatgat 240
tttttggttc cactgggaat aaagntggat tcg 273

<210> 960
 <211> 181
 <212> DNA
 <213> Homo sapiens

<400> 960
 gctgggactg acagcctgca gggtttcctt gggcgcgggc ccaaaattgc cttcaaaaca 60
 aacccgggac gggtgaaagc cttegaaccg tgcaggggat gcctcgggcc ctggcccttc 120
 gcttctcttc ttgtgttatg gaaataaaaa caaataaaac tacaaaaaaa aaaaaaaaaa 180
 a 181

<210> 961
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 961
 ggcaggcact ggagagccag ggtggttcag ccgcagctcc tctgagcagg gagtcaaaca 60
 gggctgaaac agacaccagc tctccaggac cagctgctcc aggaatcaac ctctaccctg 120
 aaccaggctc ctgaggacca ccacgtggct gcaacacagc aggagttcac agtccagagg 180
 agaagcccgga tgctgaacag agaatcacat ccgtgagcaa cacaaaaggt ctcaatcaaa 240
 aacctctgaa agccactggc ctagagttag aggaagagtt agccatgaga aatggtggtg 300

<210> 962
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 962
 tgacgagcga ctgtagacgt tgccagcatg tattgatcag gagcagcctg tgagtcaaga 60
 ctgacaacag atcaataaat ggctttttaa aagcaaaacc cctcaagctg tttatctagg 120
 aagcctgaca aaccttgccg cagtgggtgtg gccccatgtg tccccagggc ctggggccca 180
 cctctgcccc agaagtcttc ttagtgtctg tagacaggtc ccatttccac caggtcaacc 240
 agggctgtgg cagtggacct ggatggcagg cagagcagag gaccgctgtt ctatttgttg 300

<210> 963
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 963
 gttggttgct aactttgcat tataccaccc acttgaata tctctgcctt gaagaggaaa 60
 aaccaggaac atttcttaga atcccccttc cgttatgatc ccaagttagg atatgccagt 120
 gagagggtgt gtttttagtcc cttttgcctg ctgtgacaaa atgacacaga ctgggtagct 180
 tataaacaac agaaatttat ttcccacact tctggagggt ggaaagtcca agatcagggt 240
 attggtagat tctgtgtctg gtgagggctc attttctgat tcatcgatgg caccttctca 300

<210> 964
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 964
 aggacattct cctacatagc cgtatattct cattataccc agcaaatatt caatcatatt 60
 atctaaggta cactccacat tcagaaaaaa aatgccctt taccatagtt tttgttttgc 120
 ttttggtttt gatcaaagat tacagggtgt agccaccgca actggcccac tgtgttacga 180

tttgaataaa aaaggaacct gtcaagtacc cagagaatat cagaactgct gtccgatctc	240
ctgaaattga aattaatttc ctcaagtact caataccac tgccactcac tcaagccctg	300

<210> 965
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 965	
catctgtaga attggctttc cgtttgcata tttaaatgaa ctttgtggct tttgttaagt	60
ataataaaaa gcatggagtc aaatataagc caagagtatt acagagactt ttaggctgac	120
tcagtatctc aagttctgtg tagattcatc taaacactgc tgttatccat gctatacttt	180
accatgttat cccaaaagg aatcatcagc aaattttacc agaaactgct gaattcaaga	240
tatattcaat atatattata cttctgacat cctaggaagc ctatccaaag aatacattac	300

<210> 966
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 966	
ggaaggcagt ggaaagccat tgactttatc aaagtattag agtaacctaa tctgatagat	60
ctgttaccac atcaccttgt ccactgtatg gacagtgaac tgaatgtgaa gaaacttgag	120
gcagagagac agcacagagg ctgttggaat aaattcactg ggctcatctc acatgtatgt	180
cttctagtct acatgtcttc tatttccttc tgtcttctcc tcatccccac cattaatctg	240
tcagatgcac acatgggcaa agggctctgt gtaccaaagc tgctcagtga taaaagcagc	300

<210> 967
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 967	
ggctgctcta ggtgggtgga aacgggtggt tgccatgttt tctaattgctg gggagctgca	60
cccacctccc ttccagggat ttgaatagtg gtttttctct agctttttgc cagaacaaag	120
gagggtacat tacttaaacc cagggcatca ggatgtgctt gggctatggg ggccataaac	180
cctgagccca gagagcttgg gtcactgtca cctgagtgcg gctgggctgc ctcaggcagc	240
ttggagtgcc agccattcct gcaagcaccg tttcagctct tggggccaac cccaggacct	300

<210> 968
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 968	
tggatcttgg gcttcctgga atctctgaat tcaactaagcc aagtggccaa acagaaagag	60
aacccaagcc tggaccgagt cataaccaag cagcaaatga cattgtcaac cccagatcag	120
agcagaaagt catcatcttg gaagaaggta gccttcttta cacagaaagc gatcctttgg	180
aaactcagaa ccagtcatcc gaagactcag agacagagct gttatcaaat ctaggagagt	240
cagctgctct agcagatgat caggccatcg aagaagactg ctggttagat catccttact	300

<210> 969
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 969

gccaccaggg	catccggggg	atccctgtga	gcaggggtgag	ggtgagcacc	caggttccac	60
agggctctgt	cctgggcagg	ccagcagatg	cagtgattgc	aaatcctcct	tgtacaaatg	120
gaacaggcac	gtgcatttgt	ggcacactca	gagctgctgg	ccactagtgt	gctttggaga	180
atcagttgtc	tcccaggcgg	ggaagggtccc	tcagacataa	aatactcacc	catttagagg	240
aatgacaaca	gcaaaggaaa	ctatattctg	ctaatttact	ggtaagagag	gaaaaactct	300

<210> 970

<211> 300

<212> DNA

<213> Homo sapiens

<400> 970

gcactgtttt	agctcttgcc	aaacctcctt	cgccctgtgc	gccaggtaca	agcagtcagt	60
tctcggcagg	ggcgcaccgg	gcaacttccc	cccttggtgc	cctctaccct	gctttggagt	120
gccgggccc	cattcagcag	atgtccccct	ctgcctttgg	tctgaatgac	tgggatgatg	180
atgagatcct	agcttcgggtg	ctggcagtg	cccaacagga	atacctagac	agtatgaaga	240
aaaacaaagt	gcacagagac	ccgccccag	acaagagttg	atggagaccc	agggattgga	300

<210> 971

<211> 300

<212> DNA

<213> Homo sapiens

<400> 971

gataaaatag	acaaggctct	tgtccaaaag	cagcagctta	tgttcttgta	ggagcaatat	60
ggcagacaca	aagatgcaga	ctgggttagg	ttttagaaaa	acttgactta	aatcagtaaa	120
tacagtaaca	gggatggagg	gcataaggct	ccagagcaat	gctggcgccg	tcagtgtgtg	180
ctctagaggt	gcaaccggg	tggttggtgg	tcagcctggg	tgacacagca	ggtggcccat	240
gctggctgag	gcctgcttct	ctccttttgg	agctctggct	ttaccccagc	ttccatgctt	300

<210> 972

<211> 300

<212> DNA

<213> Homo sapiens

<400> 972

agcctgctga	gggatgccca	agaagttcca	gggtgagaac	accatgttgg	cagcgtccc	60
ggcactgagg	tagaggccat	ggctgcctct	gatgccaaaga	atcatagggg	gcttgaggat	120
gcctactgga	aggaccgacg	acaaacacgt	catgaggaag	gagcaacgca	aggaggataa	180
ggagaagcgg	cgctcgacc	agctggaacg	taggaatgag	actctgcgct	tactggagga	240
ggaggactcc	aagctcaagg	gcggtaaggc	gcctcgtgtg	gccacgtcca	actcggtcac	300

<210> 973

<211> 300

<212> DNA

<213> Homo sapiens

<400> 973

cccaagtagc	tgggactaca	ggcgcccgc	accacaccgc	gctaattttt	tgtatttttg	60
gtagagacgg	ggtttcacca	tgttggttag	gctgggtgacc	gtgtggtcat	gggtggggacc	120
agccctccgg	ggcaccag	cggggcaggt	tctcacgtgg	gagggcacag	ggcttcctgc	180
aggctcggag	gcccagggcg	gattgtggcc	agtggaaagg	aaagatgttt	ctggcagggg	240
gacttggtgtg	ggccacggct	gtgcggctgc	ggcggttgagc	acggcctcac	tgtccacctg	300

<210> 974

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 974
 aattactgga acccgaggagg cggaggctgc acagtgagcc aagattgcac cactgcactc 60
 caggctgggc aacagagtgt gactccgtct caaaaaaaca aaaacaaaaa caacttctcc 120
 ctctccaca gactctctcc tggtcaccac tagtgatcca ccttatggat ctcccaaggc 180
 cacctctgcc tctgctctgt gttgtattat ttggggacct gtggtctggc atgcattgta 240
 cttggtgccc caaagggctg tggcatctga taagtgattt atcctcaggc acagatttgc 300

<210> 975
 <211> 197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(197)
 <223> n = A,T,C or G

<400> 975
 aattccgttg ctgtcgggtga tgagattctg atggaagaga ttaaggatta caaggcacgc 60
 ttgacctgtc cgtgctgtaa catgcgtaaa aaggatgctg ttcttactaa gtgttttcat 120
 ggcttctgct ttganngtgt nangacacgc tatgacnccc gncagnngta atgnccccnn 180
 ntgtnatnct gtttttg 197

<210> 976
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 976
 gcgagatcct ccagttcctt gtcaccccaa atagggccaa gggaaaacac aaataaggca 60
 tatccctgac atttggctcg caaggattcc ttctttaaga ttccccatc taagtggctg 120
 gtttccccag cagatatcac aaatatgact ttgtttcttc tcagattggg tgtacttaaa 180
 aatacattgt ccagagtcca ctgtaaggca tgaccaataa aagcatctcc atttagttgt 240
 ttaactgact cgtgcacatg cctcttcctg aggcgcttac ttctgtaggt ggtaagattg 300

<210> 977
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 977
 tgtcacaagg ggtttttcta gaagctattc ttcacagagg ttgggggaga gattaagcca 60
 aaggatctct gaggtctttt tcaaacttat gattatgtgg ccttttgttc attgacttcc 120
 atgtgttcta gttgatcatt acaaacctgg caggccttct caagggttca gtaattagct 180
 gtcatttccc atttgtccag agagtgtcca acacaaaata ccctaagat cttggccaat 240
 agagaaatgt catggaattt tagaaatgac agtatctgcg gagtttattc caagttatat 300

<210> 978
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 978

ctttttctca	ctgaaatatt	taagcactgc	attttaagaa	aacttcctat	tcattcgtag	60
acttttatct	ggccagattt	ccactctgag	ggcttttctt	tctagttatc	tgacaaacca	120
taaattttat	tccctttaag	ggcaaaacca	acctccaagc	acatttatgg	cccatgtttt	180
aagagctggc	cgccctttct	atcctgtatc	tctggttaaa	cgtgttttct	ttttcttgga	240
gcaaattttt	caaagagggg	ctaaagctat	gtgttcctct	ggagagaact	cctgcctacc	300

<210> 979

<211> 300

<212> DNA

<213> Homo sapiens

<400> 979

gctgtccact	ccagttgccc	ttggctaagt	ttagcctaac	acacaggggt	ttgaccata	60
gtttctaaaat	acacaaattt	tgagactaca	gcacttcttt	ggaaagagga	agaatgcaaa	120
gttcagtatt	tcaatacttt	gtattttact	tgaaattacc	cttagtagca	tctttttttt	180
cctgtctgaa	agcttttgtg	tgatgagaa	gggacatttc	atttcctccc	ttaacaaagt	240
gtcattctga	ggttctcatg	tgtgtttttg	gaaatagaga	tactgggttt	gtagagtttg	300

<210> 980

<211> 300

<212> DNA

<213> Homo sapiens

<400> 980

ggtaagatta	ggcagaggtt	ttatctaaca	ctaaagtttc	cttgccctga	tgagctttca	60
gtgttacgaa	atgttattca	atagcaatta	tgagagattg	ttttagccag	aaactgatca	120
cttttaagtt	actggattat	tctgcttgag	cttgtgagaa	cctcaatgta	ctccagtcct	180
ttctgaaata	aggcaagatg	taaataagaa	ttgtgtgaag	tgtttaagat	ggacacttag	240
aattattcag	aacagaagtt	taaagtgtgt	ggcctaagaa	atgtaattca	aaatgactat	300

<210> 981

<211> 300

<212> DNA

<213> Homo sapiens

<400> 981

gcctcatcca	tggatcaggg	aggcacgcca	gggagtaacc	cagttctgcc	cagcaatcta	60
caccccacta	actctgggcc	ctgtctgtgc	tatttaacat	ttcattcaaa	caggagctcc	120
tggaagaag	cttggctcag	tatccttgcc	agatcacccc	tcaaagtctc	cctcaggtat	180
attctaagtg	aggacggatc	ccatatatac	ctcacttagg	ctttactctg	ctctgcaagc	240
acaggcaaga	ccagctacat	ctttgcacgc	caccctgggt	tcttagtagg	ccaagaacct	300

<210> 982

<211> 300

<212> DNA

<213> Homo sapiens

<400> 982

attaaattca	ttagtgtgaa	agaggtggga	gtgaggtttt	ctggcctgaa	gcagtctgca	60
ctgaaaggta	cccaagtggc	ctgaaacagt	gtaggggaaag	acctgggaaa	cactggacca	120
aaaaagcctg	atctcatgga	gacctgcatg	gccctgttag	agatggcgta	gaagtgaaag	180
tcttaaaggg	agcattagag	atccttttaa	tacacgactg	agtgccagct	tatttgtgat	240
gccccctccc	agaccagggt	aggattcctg	ggaaggccgc	ggattccggc	cctggaagag	300

<210> 983

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 983
 ctccagtaga acttgagcac ttggaacctg aaaaatgtaa agaactgggc tgtatagtga 60
 gagctgtgga ttgttctaga cttttgcccc gccccaaatt ttagtgatag caaaagggca 120
 ctggaactag aggccagagg gaaactatta aactcacgtg ctggcgtgag gaggggatgg 180
 agccaggagc tcagactctc cctcatctca cgggcatttt gtaatactga catttccaga 240
 tagaacctgc tgcctagtc tagctacca cagttccctc cgagatgctg tatttggaac 300

<210> 984
 <211> 136
 <212> DNA
 <213> Homo sapiens

<400> 984
 cctgcagcca ctaatgcatt gtgtatgata aaaaaactc tggtagaca cattttctgt 60
 gatcattgtt aatttagtgc atagtaacat ctgtagcagc tggtagtaa acctcatgtg 120
 ggggaggtgt gggagg 136

<210> 985
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 985
 cttaacataa cctatgagag tggacagggt tatgtaaatg acttacctgt aaatagtggg 60
 gtaacccgaa taagctgtca gactttgata gtgaagaatg aaaatcttga aaatttgagg 120
 gaaaaagaat attttggaat tgtcagtgtg aggatttttag ttcattgagtg gcctatgaca 180
 tctggttcca gtttgcaact aattgtcatt caagaagagg tagtagagat tgatggaaaa 240
 caagttcagc aaaaggatgt cactgaaatt gatatttttag ttaagaaccg gggagtactc 300

<210> 986
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 986
 gttttctaagc acttcctgta ttgcatatca actcatttaa tcctcacagc aatgtgagat 60
 acatactatc ctccccattt tataattgag ggaactgaag catagacagg ttacatagct 120
 ggtgactggc agatgaattg acttagccgt ggtcctgcag gtgatgagtg gcagcactgt 180
 gctcttatca ccagctcttg agcgtgctgc atcctctcat ttgtcgttgg tctcccctag 240
 tgttcagtag tgtgccttgc acgtgtttat actcagtagc ttttgaatga cagacttaca 300

<210> 987
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 987
 tgagtgcctt ccgaaattga cccacctggg agctatttac aaatgtccat gtgggagaga 60
 gagagcatga gagcacagta gccagcctg ctggctcagca ggctcatctg tggttcacct 120
 gtagacagag agcagatcaa tgtgtacttc agacaccaga aagtctgggtg gctttgggtc 180
 caagtgggtg aatcacctga ggtcaggagt tcaggaccag cctgaccaac atggggatac 240
 cccgtctcta ctaaaaatac aagccgggag tgggtggcgca tgctgtaat cccagctact 300

<210> 988
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 988
 atgcaggaac tgaaaaatag tacaaattct agttcctttg gcttgagtga cgagcgcatt 60
 agtttgggtc agctgtcacc atcgcggggt gcccatctga gtgtggaccc agatcagctt 120
 ccagggttcag tgctttctcc tctctctctc ccaccacttc ctcttcagtt ttcattctctc 180
 cagccaccgt gttttctctc cgtacaacca ggatctaata atatttgtga ctccagataat 240
 ccagcaactg aatgagcaaa acagaaccgc gctgctaata agaccaatta tagtcatcat 300

<210> 989
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 989
 aaggccttag gctttttttt tgtaggggtga gagtggggga gagatctctt gctctgttgc 60
 ccaggctggt ctccagctcc tggcctccgg cagtcctccc acctcagcct ccagaggtac 120
 taggattatg ggcattgagcc accacacctt gccaggcttt ttatattgag ttgggttatat 180
 atgcttcata gccacacttt ataattattgg agtatagtat taaattacag cttgttgtca 240
 agtcagtgtt tctgtaagac agtatatcca atattggtta gagtaacacc tatttgggtga 300

<210> 990
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 990
 cagagtcaac atggagcatc tcaactgtgaa atgatccatg gattgaagga tatggtaaaa 60
 tgtttatagg ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata 120
 caaaactctc ttcttttagg gctactgaga cttgattcct gatcatcaga aatttcacca 180
 gaaacaactt gtttccaata tacccaattc tatatgaaga attcatggag agtgtactgg 240
 cactg 245

<210> 991
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 991
 acccaccctc tccaggcctc agtcttatct ctgaaatggg gtgggtgttg agaggtggct 60
 tctaagatct ttctacttcc caaacttgga attctctttt taggagcatc tgcgtgccca 120
 gatgtatgtt ggagcccatg gtgtatgggg gtgggtgggg gggaagggtg gagggtagct 180
 accccctgag gcttctccag aggggtgtngg gaccanattg gacctgggtg aggaaggggc 240
 ctgganaggg cnggcctnna gtctcactgn tccttangtg gnccgngnt ncaaacctgg 300

<210> 992
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 992

gtcagcttca	ggtaggagga	tggcacagac	tcaaggtcaa	gcagaggtgt	gagccacaga	60
agcagagtag	caggccaagt	tccagcatcc	tggctgccag	gaccaccgtg	caggcttaag	120
aagctggagc	tttaggatat	ggagtgtcca	tcacttggca	tctttctcat	agcccagggtg	180
gcattctgaga	attaggtttag	ggttgatttg	gaccctatgg	tttggtaaat	catgtccctt	240
gaatgtatac	aaatgatgtc	tgttgatatt	taaaatatgt	ttctttctgt	ttaattgtaa	300

<210> 993

<211> 300

<212> DNA

<213> Homo sapiens

<400> 993

gtgagtcoga	gcatcagtgg	cttctggagc	agaccagcca	cgtggaagag	aagcettaca	60
gagatgggtc	ggcagagccc	tgctgatggc	tgggccttgt	gggcagccac	tctgtgtgag	120
caggggtgtg	ggcccataca	cttcaaagac	cagagccctg	caactgggaga	gtgtctcctgg	180
cccaggctgg	gaatcacctt	tcgaggccct	tcagactctg	gcggggcttg	ctgtggcctc	240
cctccagcta	gtggtgtggc	tgagcagact	ccaggggccag	ggccagttcc	cttctccctt	300

<210> 994

<211> 300

<212> DNA

<213> Homo sapiens

<400> 994

gagtcactctg	ctcgagagaa	tcagctgact	caaggcatct	tcaccaaagt	catccaggag	60
attgcccgtg	tggagaattc	ctatgggcaa	gagcgtcgtc	gccatctcat	gtgagccctt	120
gggtgtgggg	taactgcctt	gcttctgccc	ccggcacttg	ccatgttcca	gtggggggca	180
gacctcagg	acttcacggg	tatggttgcc	agctgtgttc	ctggcccctg	gacacacagt	240
gtggcatcct	catgtttgca	cactttcccc	aggctccagt	ggccctgatg	tcaatgttta	300

<210> 995

<211> 300

<212> DNA

<213> Homo sapiens

<400> 995

ttttgccctg	ctaaaatgat	gcttagcctg	aaaaatcgga	gcaccacttc	tcaaatttat	60
ttttccaact	cagtaattaa	aaaaacattt	acttctctgc	tactgggttg	tggaaatattg	120
tcaggatctc	tgggttccag	gtgagggatg	cagaatgcag	ggaaagacag	gtcccctgcc	180
ctccagaagt	cggtggcgcc	ttttcagagt	aacacacact	ggagcagacc	cctggaaaag	240
gacagtccac	tgggtggacca	tgaccttggt	caaaagaggg	accaggtctg	gcttgctcac	300

<210> 996

<211> 300

<212> DNA

<213> Homo sapiens

<400> 996

ctaccacatg	cagcacgagc	agtaccggca	ggtcatacgc	gtgtgtgagc	gccatggggga	60
gcaggacccc	tccttgtggg	agcaggccct	cagctacttc	gctcgcaagg	aggaggactg	120
caaggagtat	gtggcagctg	tcctcaagca	tatcgagaac	aagaacctca	tgccacctct	180
tctagtgggtg	cagaccctgg	cccacaactc	cacagccaca	ctctccgtca	tcagggaacta	240
cctggtccaa	aaactacaga	aacagagcca	gcagattgca	caggatgagc	tgcgggtgcy	300

<210> 997
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 997
 gagcggggag gcgagcatga gcccccgagc cgccctgtg gcctcctgga tgaggatggg 60
 agtgagcccc tccctgggca cagaggggag gtccttgag gcagcgctca ctatgggggg 120
 cctccccctg agaagaaggc aaaaagtcc tctgggggca gctcccttgc caagggccgg 180
 gctagcaaga aacagcagct cctagccaca gcggcccaca aggattctca gagcatcgcc 240
 cgctttctct gccgaagggt ggaaagccca gctctgctgg catcagcccc agaggcagaa 300

<210> 998
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 998
 aaggcctgtg ccagaggggt tggccagttg gaggcctgggt cagcctcatc agcctatccc 60
 catgtcctct atgcccctaa tttgcttct catcttgag ggtttgggga gaagttggcg 120
 tggccacccc acaaccctg aggaggtgta gaccagctct gagagccgca agcactgagg 180
 cagggcctga gactggacct gggtagcgt gnngtgtgga ggntggcgag gtgcggagac 240
 tgcagaccag tgnttctctg tntggagnnt gncatgctgn gtctgtaccc tngggacttg 300

<210> 999
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 999
 caaagccact ttgaattctg gaaagttgac ctgatggaga agaaccagga aaaccaagac 60
 cagcatttga ggaaagctgg ttttgtcaac aacaaaatac tgatggaaga cagaaatagt 120
 gttttaggag aaacatttaa tataaattca aacctgttc caatgagaaa aatacctgat 180
 aaatatgact tatgtataat gaacgtgaat tatatttcag aattaattgt tagtaataga 240
 aactcctttg gaaggaagct tgatgagctc agtgcacatg cgaaattgct ccttcatatg 300

<210> 1000
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1000
 gtgcgctgtc caggaatgac gtgctgaagc aggaggtgcc agagggcttt ccttttgccc 60
 atgtcctttg ggcaggatgt ggatgcagct gtcggggcag ctctgggtcat gctccggaga 120
 cacctcaacc agaaggaatc ttagacagca aactctttcg ccaaacgact gctgtgaatt 180
 ttacctgatt aacattcctg acaccatctg tgggtcatcc ttccctgga ccgttcagt 240
 gacagctttc aagcagtgct tggtgtgagg tcccatcttg gccaaagaact taccttcaga 300

<210> 1001
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1001

caaaagcagc agcctcattt ctgtcctcct ttgaatttca tattaaattg cttacataga	60
atgaaggctg agttcactgg caggctaaca aagctccttg taatttgccc ttatatgccc	120
tatgccttct gctgtagtaa tactttgatg cttgtaattt tcttgaactt acgtcatttt	180
gtgtctctgc ttttgtcagt tctcctgact cttagttttg cctgactctg tcttcataga	240
cttgtgtgta ggcattatta tctcctgtga agtcttctct gacagttact tactcctcc	300

<210> 1002

<211> 206

<212> DNA

<213> Homo sapiens

<400> 1002

gtagtaaaaa agataagctt gtgaaatcta tcagctctca ggctaagcat tacaccaaga	60
gaatcttgca cgatccttca atcataagaa atcacatgtt agtgcagaag gtccagcgtg	120
aaatcctcta agtggccaaa tctaggagtt cttctctggc ttggttggct aaagcagtga	180
tctgtgtcac cccagggcc atcact	206

<210> 1003

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1003

gttacctctc aattttaact ttttttttct tttttaatta atgtttttta cccatggcaa	60
gctgtaatag ctttttttgag gggaggtagg tgcttgataa agaacagtag gtgctgctta	120
tcaacagatg aaaggagggt tcttttttcag gcaaccatct cattttgtgag tgaatggact	180
ttctctttaa agtgctggga ttgttagtgc catttttatt gtaaatatca aaattgttat	240
tttttgtctt ctacctaaaga attctgtctc ttaggctttc tcttcccaga tttcccaaag	300

<210> 1004

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1004

attacaggtg tggcgtgagc caccgtgccc ggccaagctc ctggccttct tattcacttg	60
acagttttga gaatctttga ttccaggat gttgagagct gctcctgtca tctggagttg	120
agtctcacc atgggctaca gtgtacacag gagtgggacc ttctgttctt gaacttaggc	180
tgtggtgtga tcaccctttt ctctgcatcc acctgacagg ctgggacttg ggctatgctc	240
tggacaaggc tggctggtgc aatgatgccc tctagaggat ggatcaggcc cagtcaccac	300

<210> 1005

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1005

gtgaaaacac ctagaccaa gtcattctat tctgacatat tgtctttctt ggatatgact	60
ttgaaagtaa gaattgggga attactggtt atacagattc tacatttttc ttcactaata	120
gtgattccaa gaaagttag atctttccac atggaaaccg tcatgtaaga acagaaaaac	180
tctaaggttt atctgctgtg ctgctcaact ggatccagac caggattctt tattttaaaa	240
gctatatttg atagatgtta tattctactc ttgcttcaaa acaaatcact ttcgacacag	300

<210> 1006
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1006
 gttgggtgac tcttgtgtr ccttttagaca ggctggcctg ccggttccac aggggtacagt 60
 taggaactga gtctttcttt ttctgttttg agttgggtgag tgagtgatag ggtaacatgg 120
 gccttcagga tgaccccttg gaactgtgcc gagttcctta aatctcagct gggatcctgg 180
 acctgggagg cccctgtgag ggccagctct ggaaaaacct gggagttgat gccggaggct 240
 gtggaagaac tctgctcgag ggcagggtgc cctggaacac tggtagttct ggggctggga 300

<210> 1007
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1007
 gaaaggaccc atgatgtaag gatgtttgtt gtgggggggtg cttgtggctc cttaactggc 60
 tctggaaaga gcctacttcc catagtgaac cctgtgaggt ccaattctgt tctccccctt 120
 ggagctccaa gagaaggtea ttgtccttgt agcagcaggt gcccccccaa gctgggttct 180
 cactgcaggt gccagcgggc tctcagtagg tatgacctgg atgtgagtgg tgagccagga 240
 ttgaggcact cagcaccttc gaccacactt cccactctcc ctgggggttc aaggcaggct 300

<210> 1008
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1008
 aacacttaca gcctatattg taacttctct cctgggatat agaaagtatc agcctaacat 60
 tgatgtgcaa gagtctatcc attttttgga gtctgaattc agtagaggaa ttccagacaa 120
 ttatactcta gcccttataa cttatgcatt gtcctcagtg gggagtccta aagcgaagga 180
 agctttgaat atgctgactt ggagagcaga acaagaagggt ggcattgcaat tctgggtgtc 240
 atcagagtcc aaactttctg actcctggca gccacgtccc ctggatattg aagttgcagc 300

<210> 1009
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1009
 agtcattgag agtctgtacc aaaagctaca tgaaggccat gggaaaaccc ggggtgccagt 60
 ggttctagtg gggaacaagg cagatctctc tccagagaga gaggtacagg cagttgaagg 120
 aaagaagctg gcagagtcct ggggtgcgac atttatggag tcatctgctc gagagaatca 180
 gctgactcaa ggcattctca ccaaagtcac ccaggagatt gccctgtgtg agaattccta 240
 tgggcaagag cgctcgctgcc atctcatgtg agcccttggg tgtggggtaa ctgccttgct 300

<210> 1010
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1010
 tatacatcca gattctattc aaagtgcctt attagcatca ggtcttggat caaaacgacc 60
 tagtttttca tctacaccag ttatctcacc tgctcctaac agtacaccag ctaacagtaa 120

caccaacagt	aacagtagcc	ttataacaag	tcaggatgct	gtggaaaggg	ctcagcagat	180
gaagaaagac	ctgcttgata	agctagaaaa	attagctgaa	gaccttcccc	ctaataccct	240
ggatgaactt	atcgatgaac	ttggtggccc	tgagaacggt	gctgagatga	ctggccgcaa	300

<210> 1011
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1011						
atcacctgat	gtcaggagtt	cgagaccagc	ctggtcagca	aggtgaaacc	ctgtctctac	60
taaaaataca	aaaattagcc	aggcgtggtg	gcgtgtgcct	gtagtcccag	ctacttgggg	120
aggctgaggc	aggagaatca	cttgaacccg	gaggcagagg	ttgcagttag	ctgagatctt	180
gccactgcac	tccagcctgg	gtgacagagc	aagactccat	ctcaaaaaaa	aaaanaanan	240
gganttaant	nantttaatg	gntgnttggn	aggttttttg	caaacaaaaa	ntcctttttt	300

<210> 1012
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1012						
cctctgcaaa	agtgaaaagg	caacgaaagg	caggagagga	gataatcaag	catggctggt	60
cccctcaatg	tgtagagtag	gggagcttga	gctgagggtg	cagttggtgc	ccagatgctc	120
agctgcccac	ctggcttggc	ctggcttcct	ccacagtcca	taccctacct	ccaggtgctt	180
caggggtccac	agccacccca	gtgggtgttt	gggctgaagt	agatcatgtc	atgtggatgg	240
gcctgtttac	gtgatgtgcc	atggaaggga	gtggcagggtg	ggcagcttgg	agtgaaaagc	300

<210> 1013
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1013						
ctgtgaagta	tatgtaacat	gagcgagcgc	taggggaacg	cttcaaagca	gtaggcagac	60
atcattgtgg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatgggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccaggggtggg	tagctgctgc	agcttgcttt	cttctaatag	ggattaatga	ttactttgag	300

<210> 1014
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1014						
cagctgtgga	gctactggca	gtcttgatag	aacagcagtt	tctaggtagt	gaccagattg	60
cctggaatta	gtacagtcga	agcggcacgt	acaggacaag	aattcaagat	gcttgacagt	120
ggagcacaag	ggcattagct	tgagggacag	ccagaataaa	tggaaacttc	attatccatg	180
gattatgcac	ttggaactta	ggtcctaggc	aactctgata	ttagtaattt	ggccagcagg	240
ctcattaagc	tcttaagaaa	agtgggccta	gttaatgaat	taacacaaga	tgacatttta	300

<210> 1015
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1015
 gcgaaacacc actgcaaggt gaacagcctg gggtactagc agaaaaacat cattcagtct 60
 gtaaatatct atgaagatct gtgagaggca ctacccttac cctggagcta acctgtgacc 120
 cagagagcaa gactcttgct ttacagaac acatattctt gtggaatgag aggggctatc 180
 atcaagtaag caaatcattc catggagtgt gttagtctat tttccattg ctttaaagaa 240
 atgcctttta ctgggtaact tataaagaaa agaggattaa ttggcttatg gctccacagg 300

<210> 1016
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1016
 aagagcctgt ctccacctt cagagaggac tgaggcctgt cccagcccc acccaggggc 60
 tcctgggaag accagccctt ccaactacca acccgctcct tttcccagtc tgagccacag 120
 gaagagccta gcggggaatg tcatgaatcg acctccatcc tgagctctcc aggcctggga 180
 caatggaaag tggatagggg gctgtcttcc cagaaggaag ctgggtcaga ggttggtgcc 240
 ccatgggctc caccagagc cccatggcag tctccatcca ttgggtgccag gacctgctgg 300

<210> 1017
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1017
 gctgactgtt ggtcatcttg ccagatcttg agtgatgtct tttgcttcat cctgctgtgc 60
 atcttgagg aaagtagatg ctcttggtca tttagagtaac ccgaatcttg ttatttccag 120
 tcaactcagt tggatttctg ggatgagaat tagaggagtc ccattgaaaa actggaatga 180
 gagatgagaa gtttgctgaa aacagaacat tttttgtgt gtggattgat ttgcctcgta 240
 tacctgcctt gtactttaac cacatctttg cagtttaaaa tagaacacat tattttctca 300

<210> 1018
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1018
 gataggctta gaaattatct tttatcagca ttaagtgtct caatttctcc ccataaagat 60
 tctaaggaaa ttctagttcc tcatattata gttttcccca taatttaata ttactaagta 120
 tttctctgcc cagtaatgtt gatgcagttt gcataaatag ccttggaagt aaggaggcag 180
 gacagaaagc caaatatcga aatctctggc cttgatttag tgacagttaa ttctaattgg 240
 gaccataggt gttattagta aaaagatagt gtacaaggcc taagttcagt ttacattggt 300

<210> 1019
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1019
 tccaaccctg gcgatgtcac cagcatgggt gctcagggtta gagctctctg aggaccacgc 60
 atagagcact ggtgccaggg accaaactga gacccacca ccgtcatcaa cacttacata 120

ccataaaggt	cttcagagtg	ccttggeect	agacctccct	tcattctttg	tagagatgga	180
atctaagaat	gaaacatctc	cactcagtc	tgcaaatatg	gaagttcttg	agataccttt	240
ttttggtaga	tacttggtg	ggtattctga	gagtcacttt	actctgatgg	tttgcaagat	300

<210> 1020

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1020

atggggcgcc	ttacccagga	gatgctagag	aatgatcttc	tgcaaagcca	tgaactcatg	60
cagactgttt	attccatggc	tcggttccct	ttcccacaat	tgccagagtt	gagggaaaaa	120
tacacctaca	acattacacc	gttcccagcc	acagttaaac	ccacctcagt	ttctggacga	180
catagtaagg	ccagagacag	tgatgaagag	aatgacccag	acgatgagga	tgctgtcggt	240
aatgcagtgg	ggtgtcttgg	accttttagt	gggttccctg	ctcctgaact	gcagaagtac	300

<210> 1021

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1021

gagaatcatg	actgctggct	gaagcctgca	tctttgggta	aacagggcaa	ttaattccca	60
gagaacaagg	acatcatgga	tagttaaggc	aaccagatag	gtgcttatec	tctaggtctc	120
catccaaaat	ggagtaatga	cacctacttt	cgtgttttaa	gatttaaacc	cagtaacata	180
tgtaaagtgc	agagtctgat	gttcgagtcc	acaacgatgt	aaataatgca	aaaccagtgg	240
attactcatg	cttaatttat	attttacttg	gaaattttatt	tcctttttct	tggttatctc	300

<210> 1022

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1022

gcatagggcag	ggctagaatg	ttggacttca	gatctcttac	ttctgtgtgc	tagtgcacca	60
ttcttagtcc	agcacagaca	attctcaaac	agattagcaa	accacctctc	tgaaattgca	120
agaattgtta	ccatgtgatc	aaggcatcat	aattaatgca	aaccctagtt	tctagttggg	180
aaagagatta	agatggagac	tttgtagtaa	aagatggaca	tatatatttat	tcacatagct	240
tattttat	tgaatgaaag	agccaagcaa	actctagcct	tggcctgttc	ctgaggaggt	300

<210> 1023

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1023

cagaagcaca	ggcaaggatc	aatgcccggc	ttcagcagta	tcgtgccaaa	gcagaactag	60
ctcgatctac	cagaccccag	gcctgggttc	caagggaaaa	attgcccaga	ccactcacca	120
gcagtgettc	agctattcgt	aaacttatgc	ggaaagcaga	actcatgggg	atcagtacag	180
atatctttcc	agtggacaat	tcagatacta	gttctagtgt	ggatggaagg	agaaaacata	240
agcaaccagc	tctcactgca	gattttgtga	attattat	tgagagaaat	atgcgcattga	300

<210> 1024

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1024

gcttagaaaa	ttaacctttt	tctattaggg	tggtgcaaaa	gtaattgggg	tttttttggc	60
attaaaagta	atggcataaa	ccattacttc	tattaataaa	acctcaatt	ttcattttca	120
tagcctttca	gaatgggagt	aagctttgca	atcaacctgc	tccttcact	tatctgtaca	180
cttgataaat	ctgattcagt	ggttggaacg	gaatctgctt	ttctgtatt	ggttacaagc	240
aagcactttg	cctgggtgag	tgtagctgca	gtatagcata	gaattaagac	tacagtttca	300

<210> 1025

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1025

gttagagtaa	gtaaagatat	ggttaagaaa	agtacttaaa	tccaagaaag	agagtcaaca	60
aatatattata	ccattctctc	attaagtgac	actggttcca	taaatttaaa	gacagcggtt	120
caccatatac	tatggttttg	cattccatgg	tttcagttac	cacagtcagc	ctctgtctga	180
aaatattaca	tggaaaattc	cagaaataaa	caattcataa	gttttaagtt	gcatgccgtt	240
ctgagtagct	tgatgaaatc	ttacaccatc	ccccccatc	caggctagta	catgactcat	300

<210> 1026

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1026

gagcagagat	ggccacagaa	agccagagaa	gctggacgag	gcctccttgg	caacaaaaga	60
gtgacttaac	gcagttctaa	tgtcctacat	ttttatgctc	ttatcctgca	gttacaggat	120
aagtcaagat	acacgggtcta	caaagaaatt	ttgttctaata	tttataatag	tagagatggg	180
gtctcactat	gttgcccagg	ctgggtcttga	actccagggc	tcaagcaatc	cgctgccta	240
ggcctcccta	agtgtggat	tacaggcatg	agccactgaa	cctggctgta	caaagaaatt	300

<210> 1027

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1027

cagatatcag	ggaccgggac	taggtgtgat	ggctcagctc	cccactaccc	agacctgggt	60
gagatttttaa	aatgtattgc	tcaaacattt	atatgggtgtt	tactatgtgc	cctgcactac	120
tctgttttat	aaatgttact	taatccctat	gatagcgcta	taaggtaact	actataatta	180
tccccagttt	tacagaggag	gaaactgagg	catggagaga	ttaagtcatt	tgtcaaaaat	240
cagatctggg	aatcctgcct	ctgggggtcca	tgttttaaac	caccatacca	tggtcccttg	300

<210> 1028

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1028

aaaccatcca	agcagttttt	attcattaat	attcataaat	acacacagca	gcttcattag	60
agatttcaat	tttctcttc	agtttgaatg	tggagtatta	ggagagcctt	ttgcatgtca	120
aggtagagga	agcagagatc	acctctgcac	tgctacctac	atttacctgc	tagaagtaaa	180
aattagttaa	gtggaaatga	ttatcatata	tattttctct	cttccctttg	aatgtacaca	240
atgtaacaag	agtgacagac	ctgaaattac	aatcaccaaa	caaacccaag	atagttgttg	300

<210> 1029

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1029

gaaaatatag	gcctttattg	tctttaacat	tgaagtaact	ttgtagtttt	attcaattat	60
gagccagcag	atccttagtt	taggccctta	tattgcatac	ctaattagaa	ctttcccca	120
agttcaactg	catgacctta	atgtattgga	gcacgtctta	caggtggact	taaaactcta	180
gaatttcctg	agtcgttggt	attttccact	gaaggtcttt	ccactgtaca	gcatttcagg	240
catcatcact	atgattcttt	tttcttgact	gttgcttggt	ttcccactgc	tcttttcccc	300

<210> 1030
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1030

tacaagttgg	attactatga	tgtgtctcaa	gaagttttgg	ctgtttacct	tcagcaaatt	60
cctgatagta	ccatcgcaact	caatcttaaa	gcctgtaacc	attttcgcc	ttacaatggc	120
agagcagctg	aggtattgat	ggaagtgtgt	ttttaatgta	cttcattcca	atttgaatta	180
ctttatactt	tccaagttat	tcatgaaact	ctgttatctg	taactcttga	ttaatatccc	240
tttatcattg	ccactgtgat	tctataagaa	cctaattata	tgtttatcag	gtattctaaa	300

<210> 1031
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1031

aagaggctctg	ctcacctact	gctgcccacc	ctgggctggg	cagcaagagg	tctgctcagc	60
ccaggggtggg	tggggcgcac	acctgtcttt	gtgcatgcaa	atctgataca	cctggcgcat	120
cctctggaga	gcacaacgca	tggaaaggct	tggaaagctct	gtgtagccat	tccttctgca	180
gtcatcctac	ccaagtataa	gtaaccttgg	ctatgttacc	accgttttgg	tcacccagga	240
ggacatctta	gcaagggtgc	ctgcgagggg	gtgtggggact	gggcctcatc	ctcgccggcg	300

<210> 1032
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1032

atctagttga	ggcaaagctc	atttggttat	agagtaaatg	taagacttgt	tacaacagaa	60
atttaagtgg	ccagttcaat	gtcctttggc	tatatattgac	ctaccttta	aacctagccc	120
atttcataac	agcctcttct	gtgcctgggc	ttgaaatgtc	taaagctgcc	ttcgtgtctg	180
ggattacacc	atgtagggtca	gtataaagag	ggcagtcact	cctccatttc	tcccagcgtg	240
tccagttcag	cagatttcta	aagctgttaa	gcagcctctc	tttttgaccg	tcctaaactt	300

<210> 1033
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1033

tttaaagtct	tccccatcat	atcactgac	tcaaaagcta	gatttgtctt	catttttagtc	60
gtatccctaa	aaccatgcat	tggctctggac	aggagtgtgc	ccatattccc	ttgcagactg	120
gtcactccat	gttctctggt	acagtaagga	ccagccaagc	ttcagctgtc	ccattcctcc	180

ccctacaaca cacacacctt tcaggcaggg aggagatgag cttccagccc caagagtgga 240
ggctgccaca tectaacata gtatctattg aaaaggaagc agtgtgtatc tatgattata 300

<210> 1034
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1034
gtgaggaacg cctagaagtg tgcttgtttt cagcctctta tcctctgccg gcttgacccc 60
tggtcagagg atcagattct ttcaagaggc agtttctttc attcagcctt ttacttgagt 120
gaagcaggct tggtagggcat cagtgaatat catgctaaga gttccgtagt tcaaggagac 180
ctagaataag ggggaaaagca ctttgtgaat tgcccaagtc attgcctagg gatatgcata 240
ttgggagccc tgaggagtgg ccaaggcacc acagaacaga gactcacact cagtacctga 300

<210> 1035
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1035
gtcggctgcc agcaacaatc accaggtagc tctcacttcc tccttctgga tgtggctggc 60
tttacggaaa acagagcgta tttgtgaagg cttgtgatgc attatagcta ttgccattcc 120
ccaaaagcaa aaacaaagt tcttttaggt tgttctgtgg catttctgtt gggtagtaac 180
aaagaaatca cctgttaagc ctgataatga ctgtttgcaa aatttattat aagagaaaag 240
gcagggtatt gaggggttgc tttagaagtc tgtcatgata tgaacacaga cccagaaac 300

<210> 1036
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1036
aacgcttcaa ttgttttgta gaaattttta taggaacttc aagaagtaaa cttttataac 60
attgtaaatt cttacgtaca gcatcacaaa agacaaggaa tactgtcata tccttttagc 120
aaaatgatat tgcctagggt cttgttgcaa aataccacat aatgaaatcc ttcctgttgc 180
atgattaact gggtagaat atcatcttcc cttttgggtc gtagaaatgt attattcact 240
actccattct tgagggttgc tttttaattt ttttgagac agtctcactc tgttgcccag 300

<210> 1037
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1037
gctgggtgtg gtggattaca cgcgtgagcc attgcaccca gccttaaggg accaggactt 60
tatctttcta cctgtctgta ccattcttag ctttttatct ttttattctc atgcttttgt 120
ttcttcattg tggtaggatg gctgccataa ctccagggtg tacaccaatc ctctaaacaa 180
gaaacaaggg gttgagacaa aacactctga gaagggtttc tgggaacaaa agacctccaa 240
gctgactttg cttcataact cattgggtca aactgagcta tatgccata cttagagcaa 300

<210> 1038
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1038

gtgtttcttc	tacctccct	gcacaacatt	gtttatatgc	cccctaaaat	gtaacttctt	60
tagattctgt	tgttacgtgc	aacactgtat	atctctccat	agcacttaat	cagagtttgt	120
aattaaggcat	ctttttgtgt	gattatttgg	taaatgtcca	tatccccctac	tagcctataa	180
gctccatgac	ttctaggtac	cctgtctgac	tacgtgtatc	actgtttcta	ccgcctaaca	240
ttgcctagca	cattcattgc	ttcacaggca	tctgaatatg	gttttataaa	atacattgct	300

<210> 1039

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1039

gccatgttgg	ccagggttgg	cttgaacttc	tgacctcaag	tgatctgect	gcttcggcct	60
cccagagtgc	tggtgattaca	ggtgtaaaact	actgctcctg	gcctggaatc	catttttaat	120
gggaagcaca	atttcatagt	taatagttag	gggcaggagc	ttaagttata	attgcagctc	180
cactaattct	tagaatgaat	atagattgaa	gtcttggggg	ttttggcatg	atttgtgaga	240
tgaaattatg	tgatagcaga	aggaaggcct	cctgcacttc	atgtttacag	tagagtccta	300

<210> 1040

<211> 134

<212> DNA

<213> Homo sapiens

<400> 1040

gtaaaagtca	ctctgaggaa	ggccagaaca	gtgcagtggc	tgctgggttt	gatgaaccgt	60
actcctcaga	gcacttaggc	ccgtgggttt	tcagctggag	ctcatctgag	cccctgtggg	120
gggctgttta	ggac					134

<210> 1041

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1041

gtggaatcag	aggtttctgg	ctgactcggt	gggtgctttg	aaccaggaaa	ggacaagaaa	60
gaggtgagtt	gcacttgga	gttatagtac	agctgcctgc	ctgtggctct	tcttgctttg	120
aggtttgctc	cttcttcagt	gcaacccttt	gccagacat	ccctaattgc	cccagctcag	180
agcagcagtt	ggcaggcagg	agctttgcag	ttagccatcg	gagagcccca	cagacagggg	240
ttaataagta	caaacagtca	tcacaattaa	ttcaggccag	gctgtgtgct	cctggctttt	300

<210> 1042

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1042

ggaaagccct	gcatgacagc	ctgcatgact	gttcacattg	gttttacaca	cgctggaaag	60
attgggaatc	atggtattct	cagagctttg	gtttacattt	ttccttgaga	gaagaacagt	120
ggcaagaaga	ctgggcattt	atactctctc	ttgctagtca	gcctggagca	agcttggagc	180
agacgcacat	ttttgtactg	gcacatattc	ttagacgacc	aattatagtt	tatggagtaa	240
aatattacaa	gagtttccgg	ggagaaaactt	taggatatac	tcggtttcaa	ggtgtttatc	300

<210> 1043

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1043

ggtagaagaa	gaaatgatta	cgaaaatcct	ggataagcca	gtccccccttc	aaggggatca	60
gtgtccctcag	tccccaccc	ccacctaaaa	agcagggtccc	attcagccca	gccagctcat	120
ccctgcagtt	ccatccagga	cctacagggtg	tcgcccctccg	catggcgagg	cccgggaagg	180
cagctggctg	caggaggcag	aggagtctgg	accgcctaac	ctgagcatgt	ggaaataata	240
tatgtcttca	agtgaactgt	ctggctctgg	agaaataaaa	taggacattc	ataagcagtt	300

<210> 1044

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1044

cccaaagtga	aaagactgct	gtcagatagc	acttgcccttc	cccatattat	tcagctactg	60
ctgacctttg	accctatcct	tggtgagaag	gttgctatct	tggtatacca	tatcatgcaa	120
gataaccac	agttaccccg	cctttatctg	agtggagtat	ttttctttat	catgatgtac	180
acagggtcca	atgtgcttcc	tggtgctcga	tttttgaaat	acacacatac	caaacaggct	240
ttcaagtcag	aagagacaaa	aggacaagat	atttttcaga	gaagtatact	tgggcacatt	300

<210> 1045

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1045

aaaaggtgaa	tgcagaggcc	tggcccagac	cccagccctg	tgtgtcaata	caacttttca	60
cgttggttaca	tacacatttt	ccagtctgtg	tctccctctg	aaagaaaccc	tgaaattcag	120
gttgctaata	gattgttggt	tgcaagtatg	aaggacagag	gaggtaagag	aggaggcaac	180
ttgctaattg	aaaagcagtg	tactgaaagt	cactttttatt	tcttatttat	aatctacatg	240
cacactctgg	ataatagatg	acactgctca	ttcagtactt	taacttcaaa	gcagagagaa	300

<210> 1046

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1046

gactgacaga	ggtgccaaaca	tggcattctg	tttttgaaaa	gttacatgac	actattaagt	60
attgaaaatg	ttctaactag	aaaaacgatt	ttcttaatca	tagtttttat	tgtgggggtg	120
gtatgtaagt	tttaacgtgc	aaattaacat	atagaagtca	ctttgtgagg	tttcatttaa	180
atgtatttct	cagatttttg	tgaatctgta	atagccattg	aaatatttaa	gtaccttggc	240
tgttctctgg	atcaataaac	agatttttct	ttccctctct	atgccataca	aaagttgaca	300

<210> 1047

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1047

cactctttta	tattagggac	ttgagcatct	ggagagtgtg	gtatctgagg	gagttcctgg	60
aactaatgtg	cagatgccaa	gggacaactg	tactattgta	cttggaagta	ctcatggggg	120
catattgcat	tgtttctttg	agtcctaatt	ctgccaacat	ggcctgggtg	ttgcattaat	180
cagcttttcta	atctctgagt	aacaaggcac	agtaacaagg	agcagtaaca	aggcacaagg	240
cttggcacct	gagagtggag	gtacccagga	ggcagacacc	ataaggcggg	aaatggacat	300

<210> 1048
 <211> 229
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(229)
 <223> n = A,T,C or G

<400> 1048
 ccctcacact ctgccaggct gccgggagct tgggccaggt ctaaggtaat gaggtgctcc 60
 tctatcctgc tggaaaaacc ggacagactc agaaccacaa aggcagggtgc tgccagcctg 120
 gcgccttctc ctctgcttag gctggaatga gcttgtagac gcctgtgcct caccnttct 180
 ntcttctagg ctcanngnat gcttaanng ggcnnngtnc acggcacct 229

<210> 1049
 <211> 272
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(272)
 <223> n = A,T,C or G

<400> 1049
 cccagagaag agctttttcag agaaaggtag agacaagaag ctagaaagag tggaaggagc 60
 agcagtcttg caaggaagca gggcagagac acagcccatg gccctcact gccctgctgg 120
 aagggctgat ggagctcccc gcagcatggt tcctgcctgg gtgacagagg ctctgtggc 180
 cacttttagaa gtgcggttta ctctcatgc nganattgga cnttgggcat ntcagttctn 240
 nnagatgttg gtttggcgnt atntcttttn tt 272

<210> 1050
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1050
 ctgggtgacc cgaacacctt cctcatcacc acccatcact ccacctgctt cggagaccaa 60
 gatcatgtct ccgagaaaag ccttatttcc tgtgagccag aagtcattcc aagcagaggc 120
 ttgctctgag tctagaaata gagtaaagag gaggctagac tcaagctgtc tggagagtgt 180
 gaaacaaaag tgtgtgaaga gttgtaactg tgtgactgag cttgatggcc aagttgaaaa 240
 tcttcatttg gatctgtgct gccttgctgg taaccaggaa gaccttagta aggactctct 300

<210> 1051
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1051
 atccttccca ctttgtatcg acaaccgggt tggccccggc gtctgagttc ttgggtgtccg 60
 agtcgactcg aggcaaacct aggggttggg gttccggata tcgcctaggc ccaacatcgg 120
 accgcgtctc cgattttctg ccgcgtccgc ctctaggacg cggagtcctg gtgcggttcc 180
 gtgaggctgg agggtagatc ttaaggatca acaaacagta ataagactg aatgtacaag 240
 tcttcagttt gtcagccctt ttgcttttga ggcaatgcag aaggtggatg ttgtttgcct 300

<210> 1052
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1052
 attagtgata agtatatatg gacatctaag ggaacaaaga aactaacaaa agacaagaat 60
 tttcaagaag gaaaacaaag aaaaaaagggt aatcagggta tgttacatag tttagctgct 120
 tatagttttt ctttgggttct gctcatggaa acacaatgac tatcaatcta agtaagacta 180
 taatatatta gaaggatggg tgatgagaag tgtgaagtgt tgcaaaggta aatccttata 240
 ttccgctatg aagtatcaat aagcaatgcc caaaaaaatg aactattaag aagtaactgt 300

<210> 1053
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1053
 acatctccaa gcagggactt agtagttata ggtgggtctt aaggattctc cagtcagtct 60
 ttaaactgct ggcaccgaag cctccagtgc ctttctcctc tatatcccat agagagttac 120
 tgaagtagtt ctttttggat ttcagttggc ctttttagtag agcctttctc cttaaaggatt 180
 aaaacgtgag actgcgggct tgagccaaaa agcagtcaga gggacaaata ctgggtttta 240
 cttagaataa cccacctgcc tagtgccagc ctaccactct tgaacaaaac ttgtatgatt 300

<210> 1054
 <211> 271
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 1054
 gcagaaacaa tagtcaggag tttgagaaca ggctgattaa catgggtgaaa ccccgctctct 60
 actaaaaata caaaaattag ctgggtgtgg tggcgggtgc ttgtaatccc agttactcag 120
 gaggtgagg ctgcattatc gctttaacct ggggggcgga ggttgacagt agcctngatg 180
 ggggcaataa naggnaaact ttggctcaaa aannanaaaa taaatanncn atanaatatg 240
 cnaagccctt tntcttcng nnnctctcgt g 271

<210> 1055
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1055
 gacacccagt ttaagggaca ttctgtacgg tgcttgaatg gcgctcctga aaactgtgca 60
 ggtcctcaag gctgaggaaa gcgtaaactg tcccagacca gggaggccaa ggaggcgca 120
 tgactcaatg tcatgtggtg ccctggatgg gatccaggga cgggaaaaagg acacttggga 180
 aaaactggtg aagttcacgc aaagtgtccg ggtagttca gcatcagaag accaatgatg 240
 gtttcttggt tgtgacgaaa atgttccatg gtctgaaagg tgtcaacacc aagggaagct 300

<210> 1056
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1056

gctacgtggg	aggctgaggc	aggagaatct	cttgaacctt	ggaggcagag	gttgcagtga	60
gccaagattg	tgccagcctg	ggcgacaggg	tgaggctctt	gtctcaaaaa	aaaagtccac	120
atcttcatga	accctcagac	tctggagttg	ggtgtcggct	tttttagcca	gcttttgttc	180
cgtttagtga	gaacctatta	aagaaggaaa	gtgggtaatg	gagtcaccagc	cactcaagag	240
actggatata	ccccgagaat	ggcttgggtt	accagctatg	gaccttgga	agatgaatct	300

<210> 1057

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1057

tcccgggttc	atggcattct	cctgcctcag	cctccagagc	aactgggaca	acaggcgccc	60
gtcaccacgc	ccagctaatt	ttttgtattt	ttagtagaga	cggggtttca	ccgtgttagc	120
caggatggtc	tcgatctcct	gaccttgaat	cacaagagtc	ttaacaggga	atgtttcagg	180
aaacaaatag	gataagacaa	tgccagagga	aggatagaaa	catgggaagt	ttctatcatt	240
tcattttctg	cgtttccagc	atgcccttgg	aaaagactcc	ctttagtecc	tttttcaatt	300

<210> 1058

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1058

gagaaccccc	tcaacccctt	cctcctccct	ctggggatga	agtgggagta	tttggtcccc	60
catttttgac	aaaagggttc	agtgcaggga	ggtggaggcc	tctgaggttt	gaagggtctc	120
gtgagttaga	gttgtcacat	gttctcctgg	ttcttgaatt	tgagcaggt	cctgaaaagg	180
aaggctctgc	tgccccctg	ccttccctgac	cttctctctc	cttccctccc	ctctcttttc	240
ttgccaaagt	tgctttgggt	tctgagcagc	ccagagagga	ggagggttcg	tccccaggga	300

<210> 1059

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1059

ctgaaattga	agatgttgg	tctgatgagg	aagaagaaaa	gaaggatggt	gacaagaaaa	60
agaagaaaaa	gaagcaatat	ataaagaacg	ttggccagat	tatgtaaggg	aactgcgaag	120
aaggatttct	gcaagtactg	tagatgttat	agaaatgatg	gaggatgata	aagttgatct	180
gaatttgatt	gttgccctca	tccgatacat	tgttttggaa	gaagaggatg	gtgcgatact	240
ggtctttctg	ccaggctggg	acaatatcag	cactttacat	gatctcttga	tgtcacaagt	300

<210> 1060

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1060

cccgaagca	tccaggatgt	gggaacattg	tgacatttgc	acaattttta	tttattgctg	60
tggaaggctt	cctctttgaa	gctgatttgg	gaaggaagcc	accagctata	ccaataaggg	120
ttctctaatt	gccaacatga	ttctaggaat	tatcattttg	aagaaaagat	acagtatatt	180
caaatatacc	tccattgccc	tggtgtctgt	ggggatattt	atttgcactt	ttatgtcagc	240
aaagcaggtg	acttcccagt	ccagcttgag	tgagaatgat	ggattccagg	catttgtgtg	300

<210> 1061
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1061
 cctgtgtcca gcgtcctcgg ttcaggggaa atgttttggg gttcatgagt agtatgtccc 60
 ccagtgtccc attgtgtggg cgctcctcatg gggatatccat tcttctagga agatcctggg 120
 gctgtttcca gttcgaagcc attattaata aagctgcaag gaagaaatat ttttatggat 180
 gtgtgttttt atatctctga taaatatatt caactggaat cattgggtgt attgggccat 240
 tctccattg ccaaaaagaa atacctggcc aggcgcagtg gctcacacct gcaatctcag 300

<210> 1062
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1062
 gcatagttag aagttaaggt tgaaaagaga gataggggaa aacaggtgga ataattattga 60
 aaattggatc aagaatatag gtgtaggcgt tagccatttt atcctgggag aaggaggagaa 120
 atgaaataaa aacaggaata gatagacgtt ttgaggcgaa aggaatgaat ccagcatgct 180
 ctgttttagt atgtagatga gatcacctgg gaaggcatga atgggcgggc tgagtggggt 240
 agtgacttca gaacagtaat aagggttgaa aagcactgct gtgtgagggg gaaggaatgt 300

<210> 1063
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1063
 atccgctcc cgggttcatg gcatttctct gcctcagcct ccagagcaac tgggacaaca 60
 ggcgcccgtc accacgccc gctaattttt tgtattttta gtagagacgg ggtttcaccg 120
 tgtagccag gatggtctcg atctcctgac cttgaatcac aagagtctta acaggaatg 180
 tttcaggaaa caaataggat aagacaatgc cagaggaagg atagaaacat gggaagtctt 240
 tatcatttca ttttctgcgt ttccagcatg cccttggaag agactccctt tagtccctt 300

<210> 1064
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1064
 gatgcatgaa ttactgcatt aaaattgatt tatgggaatt attgttgttt cagtagcatt 60
 tcaattcagt tgccaaatag agcagtgggc aatgttaacg gaaacaactg caattggcgc 120
 agtatggagt gcctatcgca ctaggaaatc tgagggtcac aaaagaaagg agatgtgagg 180
 ataagaaact ttgtttttcc cttgttggga actcttttagg cctcggtttc tggtgacagc 240
 cccagggatc atcaggcccc gaggaatgt gactattggg gtggagcttc tggaaactg 300

<210> 1065
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1065
 ccttggttaa aacatatgtg cttttccact gctaacttca gaccacact ttgcccgcat 6
 ttctgcagat cataccccta gccaggagc ctccgcaga cttcagagcc tgctgtctc 120

accagcgccc	ccacatggcc	ggtctgagag	caagtggaga	gtcacagtca	cagtcacagt	180
gcccacggcc	tccacctggt	cctgacgggt	ccccagggga	caccatataa	ccttagtcat	240
gtctcattgc	cggaggaat	cttccccag	ataggaataa	ccttgtaaaa	aagattttgtg	300

<210> 1066

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1066

cagagctggg	gcatggcatg	tctcaggaag	ccatgcttgt	cacagaggaa	tcaactccgag	60
gctaaaggaa	catctgggca	atcctacttg	tgtactcatt	ggattcattc	agtgccttg	120
ttattatcct	tctagctaaa	tgctctgggt	cttaattcac	gactccaagg	ttgctcttga	180
ttttaaggaa	cattttggca	gaatagagag	aagttgagca	aatattaaca	gatgtccaaa	240
ggggcagtg	gatttattat	gtcaagagaa	tcagttttat	gtcaggggaa	gaattttggt	300

<210> 1067

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1067

aagaaaaccag	tagctagctg	ctatttatat	ggtgaggggg	tgctgcctgg	taacagaata	60
gctccacacc	acagcttgag	attttgttta	gtttcactgt	gtgagctttc	ataaagtctg	120
ttgccattcc	atctctgtgt	taacacttca	tatttttatg	aaattcagat	aatttgtag	180
aggctggcat	ggatctaagg	atattattat	tttattctag	tccatcagtt	cagtcgcagt	240
ttttatacta	ggacttttagg	atgtacataa	atgtgtgact	gtttgtcttg	attaaaagtg	300

<210> 1068

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1068

aaaacatcag	ggaagctggt	tgatagcagt	gatgatgacg	aatctgattc	tgaagatgac	60
agtaataggt	tcaaaaattaa	acctcagttt	gagggcagag	ctggacagaa	ggttagtga	120
gactgaaaat	aattagactt	gcagcatgtc	cttatttttt	gacatagtcc	ttaaatctgg	180
gtaaatgcag	gcagacctta	acctacatta	tagcatcggg	gtgtttattt	ggagagtga	240
tcttctgtga	tcctctctga	ttggttcata	agtagatgga	ggtaggcaaa	catcttaagt	300

<210> 1069

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1069

ctcctatatt	cctgtcctgt	agtggcctta	agaaatgttc	acatttgcaa	gctgcaccag	60
acaccatcag	atctggttct	ctccctgggg	cccaaggatg	ctcttctttt	tcattcttta	120
ttttgatcat	ggaggtgttt	tcacagagtt	tatccccagt	agtaaaattac	attccaattc	180
tgtgagtcag	aacaacgttt	taacatgcac	accaacgtcc	gggttgctgt	tttgctacca	240
gttttgcttg	gggtgcaggt	atttttggag	atgggtctaa	aacatctcaa	aaccacatga	300

<210> 1070

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1070

gtttcactgt	gcggtgcagt	gaggcggcag	ctcgtgagga	ggaccgcgtac	attgacacca	60
ccctgaaggc	ttgcccacct	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cactttaaaa	accacatcat	acttttgact	aaagcagaac	180
ctgaagccat	tccagagaga	agacagtcac	ccaagaggct	tctgtaagca	cccccttgcc	240
ccaggcattc	ctgccagttt	ctggaatgag	ttgtaactgg	tatattttgt	gtttatcttt	300

<210> 1071

<211> 198

<212> DNA

<213> Homo sapiens

<400> 1071

ggaaaactgc	taaattaaaa	tactacattt	tacggaaact	gtggagctgc	ctccttgata	60
gaatgtagg	tctgtttttg	ttgtcttctg	cctatgtctc	ttgacttgca	gtttcttttg	120
tttcaaatca	ctctgccctc	gtatatactt	tggttagact	acttttggtg	aagcactctc	180
caatagaaga	acataatg					198

<210> 1072

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1072

gccttttgtg	gggtctcata	cataactcag	tttccacaaa	gctgtgcccc	agctcagccc	60
tatggataga	agcatggctc	ggggttcctt	tgttgaccag	ggtgtgtgct	ttgtccaagt	120
tactgacctt	cccaaacctc	atcaatgcac	ataaaaagag	cacttgcaaa	caatgaatct	180
agacatggac	cttcacaaaag	aaataactca	aatggatcc	caggcctaaa	tgaaaaatga	240
aaaactataa	aactcctaga	agataacata	aaagaagatc	tagatgacct	agggtttggc	300

<210> 1073

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1073

ccagaactgg	agcgtctctca	gtaccccatg	gagtggggca	agacttttct	ggccttttctt	60
tatgcacttt	cctgtttcgt	tctcaccaca	gtgatgatct	cggtcgtcca	cgaacgagta	120
cctcctaagg	aggtgcagcc	tccactaccg	gacacatttt	ttgaccattt	taaccgggtg	180
cagtgggcct	tttctatttg	tgaaattaat	ggcatgatcc	ttgtaggact	ctgggttaatt	240
cagtggctgc	tcttaaaata	caacatgccc	agggattgtc	tatttccctc	ctctcaacaa	300

<210> 1074

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1074

gttaggccca	ggggtaat	gtttggagag	atggcccagc	tggcagtagg	aggaccagag	60
aaagatacca	tctgtgaact	gtgtggggag	tcacatccat	acccggtgac	ctatcacatg	120
agacaagctc	acccagggtg	tggccgatat	gctggtggac	aaggttacaa	tagcattggg	180
catttttgtg	gaggatgggc	tggttaactgt	ggtgatgggtg	gcataggagg	aagcacttgg	240
tatctgggtat	gtgatcgctg	tagagaaaaa	tacctccgcg	aaaaacaggc	tgctgcaagg	300

<210> 1075

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1075

ggcaccoccca	agatgttttc	ttcttaatta	ttcctaaata	cttttatgtg	ttggcattaa	60
attgtaactt	tataggctcc	cctattcttt	ttgctttttt	ttcccccctga	aattactgag	120
caacaagatt	cctgttctct	ccccttcaag	gctttgtttt	ctggaacttg	acattctcaa	180
atcattgcca	gttattttta	gtacgtgatt	agtctccctt	cctcagggtat	gttttcccca	240
atttggttg	aatctactgt	ttgcattctg	tttcccatcc	caccttcata	cagattgtat	300

<210> 1076

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1076

tgctaattca	gccctaaacc	ccatcctcta	caacatgaca	ctgtgcagga	atgagtggaa	60
gaaaattttt	tgtgtcttct	ggttcccaga	aaagggagcc	attttaacag	acacatctgt	120
caaaagaaat	gacttgctga	ttatttctgg	ctaatttttc	tttatagccg	agtctctcac	180
acctggcgag	ctgtggcatg	cttttaaaca	gagttcattt	ccagtaccct	ccatcagtgc	240
acctgcttt	aagaaaatga	acctatgcaa	atagacatcc	acagcgctcg	taaattaagg	300

<210> 1077

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1077

taagtgggct	aagaccagaa	gagagactta	ttcgcttaag	tagaaacatg	tgccctttat	60
taactgcagt	cctgcatttt	atccatggaa	tgacagaccc	tgtattaatg	tctctcagtg	120
cctctcatgt	gtcatctttt	cgtagacatt	ttcctgtgct	gtttgtctct	gcttgccctg	180
ttattcttcc	tgtcttactc	agttatgttc	tttggcatca	ctatgcacta	aatacatggg	240
tgtttgagct	tacagcattt	tgtgtggaac	tgtgcttaaa	agtaattgtt	tctctcactg	300

<210> 1078

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1078

gtcagatgtt	tctggggacg	ttgagctgca	gtgaagttag	aggggcagag	ggggcttttg	60
aagtcacaag	gtcagggaga	ggagaagaag	cgtgctggat	gagtcacact	gtaggactca	120
agccagtagg	ttcttgtag	cccggctact	gacctggagc	caggcactga	tagcaacgtg	180
tcctctgagg	gaaggcaa	gggaaatcca	agcaggcact	gggatctgcc	tgtgacactc	240
ttgtggggcc	tggtccctcg	acctaagtga	gcttggggcca	ctcagagcca	ccccaggtgc	300

<210> 1079

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1079

gggcgaagaa	ggctggttgg	gaaggagacc	agcataaaca	ctttggggac	tgagaggata	60
agccatatca	ttagtgaccc	tcggcagaaa	gaaaagaata	aagcgttggc	ttctgatttt	120
cctcacattt	ctgcttgtgc	acatgagaca	ggcaaagtga	cactggggac	caccatgttc	180
acgtgacatc	aagaggaagc	ggaaaccagt	ggccacagca	tctttgtcta	gccccagtgc	240

agggtggtaga aggacagccc ccttgccttg agacaacact cggaggcctg tattccagcg 300

<210> 1080

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1080

atagttttat	gggttctgag	ttggtgacca	gtaagttgca	tgtagtgtctg	gcacttactt	60
aataactatt	catgatattg	ttaataactt	gttataggat	tgtattccca	attacagtct	120
ctaagattgt	aattgatatt	atctgagagg	tagtgtgaca	actttctttt	gttgttacat	180
taagccgaaa	acataatact	aatagacaac	taacagtttg	cttatcaggc	acatcaacta	240
aggcacctcc	ccccatgcta	agtttctcct	ggatataatg	aagttgattg	tttcccagtt	300

<210> 1081

<211> 241

<212> DNA

<213> Homo sapiens

<400> 1081

ctttgcagcc	ttttcctgcc	cttaaatttg	ataccttttg	tgtaggagct	gcataagtaa	60
cagttgctgc	ttttacgttt	ccacgcgtga	tcttgacctt	gctagcctga	agtgtatggg	120
ttctcttagc	cagttctaat	ttttgttcag	gtggaagatg	gatgcctgaa	gtgtagactg	180
ctgctagctg	aataccatct	gggagcataa	aggtagacctg	aaggtagggg	gatatgtctt	240
a						241

<210> 1082

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1082

aggatgttgc	tgtctgtgggc	cgcaagggtc	ttggtagctt	cctctagggc	aggcttgtgt	60
tcctgattgg	ggttgggatg	gggtggggca	tccctgtggg	cctcagcaat	ccagccctgc	120
gcatctgggt	cccattacac	agacgtagac	attgaggtct	agttagaagg	acttgccagg	180
agtcctgtaa	tagagcttgg	cacttgggtc	tcttgactct	cagggactgg	gtgtgagggg	240
agtgggctcc	ttttgctccc	tacctgcagt	gcctttgagg	ggatgagggg	cttccatcag	300

<210> 1083

<211> 240

<212> DNA

<213> Homo sapiens

<400> 1083

gcggatcaac	ctggcggagg	acgtgctggc	ctgggagcac	gagcgcttcg	ccatccgccg	60
actgcccgcc	ttcacgtgtg	cccacctgga	gagccaccgt	gacggccagc	gcagcagcat	120
catggacgtg	cggtcccggg	tggattctaa	gacctgacc	cgtaacacga	ggatcattgc	180
agaggccctg	actcgagtca	tctacaacct	gacagagaag	gggacactcc	cagacatgcc	240

<210> 1084

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1084

cttggagggt	gtttccagct	agagaaagac	ctgcttattt	ctcactgaat	aaggttccaa	60
------------	------------	------------	------------	------------	------------	----

caggetgcca aatcctgtgt atgcctgtac ccaaattggaa ggagtgcctt tcctcaattc	120
ataaaaaaga caaagacagt ggtaggatca gctattatgt cagtacatga aaggaacccc	180
ctatctcaat caaaatggta aaggaagctt gtctcaaata acagcagaga aactcagttt	240
accagactat aaaagttctt tggtaagaa gataaagagc tctccagaat aagaatacct	300

<210> 1085

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1085

gcagcagcag cccgaggcct gaggagagga gaccggcggc ggcggcaatg ctggagaccc	60
ttcgcgagcg gctgctgagc gtgcagcagg atttcacctc cgggctgaag actttaagtg	120
acaagtcaag agaagcaaaa gtgaaaagca aaccaggagc tgttccattt ttgccaaagt	180
actctgctgg attagaatta cttagcaggt atgaggatac atgggctgca cttcacagaa	240
gagccaaaga ctgtgcaagt gctggagagc tgggtggatag cgagggtggc atgctttctg	300

<210> 1086

<211> 208

<212> DNA

<213> Homo sapiens

<400> 1086

aagagagaca gggagaatcc gaggtaaaac tgtaggaaa acttaggagt ccagatgctg	60
tccagttata tgctaccctg tacaggttga taggttgcaa atgctttctg tccagtgtat	120
cgctttgtag ctactaagc agttttgtat ccaactttgt gcttttattt cagtgtttt	180
ctttttcttt ctttcttttt tttttttt	208

<210> 1087

<211> 205

<212> DNA

<213> Homo sapiens

<400> 1087

taggggtctta gtactggttt gggcataatt atactcagtg tttgggcctc tgctaaaatt	60
ctaagacgat aagaatatca gtttaagttc tgttacagtt gttttcatga agcttgtaag	120
attgatattt aagtggacaa agtgggaagt agtcagtttt cagggctaca ggggtcatca	180
ctttgtgctc agagtacagc tggca	205

<210> 1088

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1088

tgcgggcccc tgtccctcta cctgcaccct cacatcctgc cagcaccaat gagcctattg	60
tcctggagga ctgagcacct gtggggaagg gaggtgggct gagaggtaga ggggtgatgc	120
ccagggcacc caaacctccc ttccctttcg tgctgaaggg agtgaggagt gaattaagga	180
agagagcaag tgagtgtgtg tccctggagg ggttgggcgc cctctggtgt taccacctcg	240
agacttgctc catgcctcca tgcttgccga tggaggacag actgcaggaa cttggcccat	300

<210> 1089

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1089

tgaaaagggg	aaacctgttt	cacctcccaa	atztatatat	tcaaagtatt	tacttaaaat	60
tcagaagcca	gaagttcatg	tcattgattac	caggaagttc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccgaa	agtcacagtt	180
cagttgcctt	attcctagtt	caggettact	atctagaacc	tcattgctagc	ttaggttgca	240
tgtttacatt	gctgcagtgt	ctttactgga	agcttagttg	gacgaaatg	gacaccgaga	300

<210> 1090

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1090

ataaaggcct	agtttttgta	tcccaataga	tttttaccac	gcttcccttg	aagaaagttt	60
agaatgagca	tgatgggaaa	aggagaaaat	tgtatgctgc	agatagaggg	aggaaaggcc	120
aactaggtcc	aacaagtaaa	aagaggacta	gtctcaaact	attaaatata	tgatttacct	180
agcaaaaagct	ttaagtcaca	gctgaattac	actggggaaa	caattacaga	ctttacaatg	240
gaaagaagca	tcttcaatgt	tggtctgaat	cactgacagc	aggaatactc	acttttgaaa	300

<210> 1091

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1091

gcctggggcc	cttctagcct	gagctggtga	cctgggcac	tgcaccctaa	ccccagctga	60
ccgagtcaga	tctttgtcca	gtgttctgaa	gatcaaatgc	cgtgcccttt	tgcaatataa	120
caccagctgc	ttttagtcca	cagcctctga	catgctgatt	gaagacacgt	tttatggagc	180
agacattatc	caaggggaga	gaaagagaca	aagagtgcct	agctccaggt	ttaagaatga	240
atatgtggcc	gaccctgtat	accgcacttt	tttgaagagc	tctttccaga	agaagtggca	300

<210> 1092

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1092

gttgccaagg	attctattgc	catgtgttga	ggagtaggag	caaggagata	gagcaggacc	60
aatgttacaa	taagaaccca	ctattaaccc	ccaagaatct	gtcttgtag	ggagataaat	120
agttatcata	catgcgataa	gtcccacacc	agcacatgaa	aagattagaa	gaacaagaga	180
agggaagaaa	cctactgacc	tgtttcaggg	tgggatgctt	cataaagagg	ataacagtta	240
agccactaac	agtaatgcct	ctaattctga	atctgttacc	tactagtttt	gtgtccctgg	300

<210> 1093

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1093

agaaccttta	ttttaacgtt	tcccagttgc	gactatctct	ttggaaatgt	gcataaataa	60
aagccaagtc	ctaacagctg	cagcgggcat	tgattggaac	actgactcct	aaaaatttta	120
tgcgtatatt	ctctcattta	tttccataga	aggtgaggtt	aaattactcg	ctgaagtctg	180
cacatttagt	aaatggagat	ctgggatgca	aatccgctat	gcctgaccgt	aaagcctagt	240
tttacccttt	acattttgcc	tattcagctc	tctctactcc	ttggttttgc	tgataaagag	300

<210> 1094

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1094
 actcaaaaagc ctggaaaagc aagggcagcc ctgtccagct aagctcccca cctctacccc 60
 tgggagtgtt tgtccgtggg cctcaggtg ccgctgtgac ctcttccccc tagaagctga 120
 cacactgagt cctcttagcg ctctcctgtg atggggaagc cgggagagaa tgggcctga 180
 aaatcagaac tagaacatag aatcctctct atcttcttca acagaaccgc caaagctatc 240
 aagaaaatgc atcccaccat attgcacatc tgaaaattgt ctttcttgct ttctgatagt 300

<210> 1095
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1095
 ggtgctcgga gtgtggtact tctcctagtt gcagtcaggc ttcatacgct attgtcctgc 60
 ccgtaagtgc ccgttttgtg tgtggtgagt ggaaactcca tgttcttctg tggagacctc 120
 tggctcctccc ttcccttctt tgtgccgtcg tctctgcggc cagccctaata ctcttctcgc 180
 tggttctctc gtctctgacc ccaaataaggc cttaagggcg tgggagaaat gagtttctgg 240
 agctggaaaa gccactgcct tctgcacggg cctgagaagc ccttggtctg tgtaaatgat 300

<210> 1096
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1096
 atttagtgag atttgatttc taggaagtgt gtgccgtcac ttgttcattt acaactgcaa 60
 agattgtatg tctcctatgt ttccctttca tgccaaagaa actcaccctt tttaaaagcc 120
 agcagggtgc acaaaccaaa aacaaaatat tttgcccctt aaataggcat tttaagaagt 180
 ttattttcct ggtacttaaa tattgtgtag agggaaagct agttgtaata atttgtaaaa 240
 atgcgtgtat ttttaggaat gcgctatttc cagtaagggg agtattgaca tttttaagga 300

<210> 1097
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1097
 cccagaatga acatgcagcc cccccaagta atcctgtgat cccagggttt caagatagac 60
 ttttgagttt ttcacagtct gtcttaactc agcaagataa cttgggactt cagaaacagt 120
 tggatctaca aagagaagtt ctgcattata gccagaaagc ccaggaaaaa ttgcttgtag 180
 agagacaaac agcattgcag cagcagatac agaaacatga agagactttg aaggatttct 240
 ttaaagacag tcagataagt aagcccacag ttgaaaatga tttaaaaacc cagaagatgg 300

<210> 1098
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1098
 gtacttttag tgtttggggg ttcaacacac acatgcaatt ttgcttaaca aaagtatttt 60
 ataatacagt ttcatacaga attaccttaa aagggagtct tatgttttca actacagata 120
 gttgtaaggg atcatacaga agatattgat gatagttgaa atattcttag aaggggtgtg 180

tatgtctagc tgtgtctacc atgtgtatgt attcttgaca agcagtataa aatacctgtg 240
 atttttcttt acattagga taatgcataa ggaattaatc ttcatatata ttatcatccc 300

<210> 1099
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1099
 gcaacacaaa ctgaatttcc ttattgctga tagctgcctg tagaggggtg gtcaaagaga 60
 ctctacctgg aaaactctta cagaaaaaca ttattgaata cctctctagc ttcagagttt 120
 ccagttctcat ttctctctaa atctattcac caaaacacca ccagtttccc ctaccacaaa 180
 cacacacata agtacacact cactattttt cactttctct tccacttcca cctttgtgtt 240
 gaacctgatt aaactctgat acttttaact ccaaaatatg ctatgctctt attaacaact 300

<210> 1100
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1100
 gtctcgagtt tgttgttttt tgtaatccgt tttagagtga attaaactca gacatccctg 60
 gattgtatgc tgtctgtaga atgttgattt tcaggcacgg ggatgtagct gtagaatgtg 120
 gcttggtcat tcttctctgat aagaaattga tctctgaat ggattggcca tttggtaatt 180
 tcttagtgaa aggctgactc ttgaatatgg ctgttataat ataaattctt accaacataa 240
 agtaagggtc tatttggggc ttggtaaaac tgtcatgcct tgaagtatat atagcttata 300

<210> 1101
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1101
 attgaatttt ctgataattg aagcttatta attgtctaaa attatcttaa gatattctct 60
 gatgtacatc attttaaaat gagttgcaca ctttctatt ctgtttcaac atattcaata 120
 taatcttcgc tcttggtcat ctgttggtat tcattatata attcagacgt ggtctcaggt 180
 ctggagacat gtgaagttat tgctcctaca ctgagtgttt ccatgtcatt atgccttaat 240
 ccttatttag acacagctat gataccctct ttacaacata aaggataagc agaaggatgt 300

<210> 1102
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1102
 cacaagaaat gaaattaaaa aataaatcaa gcagccatat gctcaacttc attggaccac 60
 tgcaatcctg gtgacatatt gagggctgaa gaaaccatt gcatatagtc ctctgtcac 120
 tggagatatg tgtggtaaga aagagaaatg gccacgttgc aatagcagtg ggaagcaaat 180
 gcagaaagca cccaggaaag gggaagatct aggtgacaga ggccatctag tcttttggat 240
 tcatctgggt ctggcacaca gagaatggag cttttgtggc aataatttct ctactgatgt 300

<210> 1103
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1103

aggtgttgaa	attacagaag	ggaccatttc	tggcaacaca	gcagaccaga	tatcctataa	60
aagtcttcca	ttacagaaca	cctacacatc	aggagctcaa	aaacagatat	attcttttaa	120
tgtctagcca	acattttgga	aaagtgtggg	aaatccctca	gggccaaaac	cagagggagt	180
tggacaccag	agtgataagc	agacactgaa	ggcaaggcca	acctcagggc	ttggctcaat	240
attctagaac	tttacccttg	ttctcaagtc	tccgtgtgga	caggggatga	gggttacctg	300

<210> 1104

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1104

cttggccctg	ctctgtttta	agtcacagga	ccataatctt	ctgaatacca	aatctaagac	60
tgcctggtag	accccagagg	tatgcatgtg	cctaggagac	ggtaggttac	tctgagttat	120
gaggagctgg	ggtgatgatt	ttaagtattc	ttgttctggg	aatggagggt	atattctcca	180
ttttgtgaaa	ttcttggaat	ataggttaca	ttccatttta	agctatcacc	cctcagcatc	240
accaccatac	ttgactaagg	tgggactggt	tgcatagggt	aattttggga	tgggggaaag	300

<210> 1105

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1105

tgggttgact	cgctacatca	gctcagactt	ggctgtgggt	aaccccttgt	gaattgttgt	60
ttccacatgt	gtgttgcttc	atTTTTggct	ctccgttggt	cccatcacct	tcccgctcca	120
ccatagggtt	tagggatatt	tgtgtgtgtg	tcaaatagaa	catgaaagaa	gcctttttaa	180
agtatttctg	tgcctattca	cagtcacctc	aattttatta	cagtttttac	gttgggttaa	240
agagtatttt	ggtttgattt	atatggaaaa	cttctttttt	aacattatag	taacatagat	300

<210> 1106

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1106

ggctgataga	gtgctagcca	ccaccctctg	tccctcccac	agcccagggtg	tcaaagtctt	60
ttctcagctc	ccaagagtcg	aatgaaggaa	gagcctgtct	ccacctttca	gagaggactg	120
aggcctgtcc	ccagcccccac	ccagggtctc	ctgggaagac	cagcccttcc	aactaccaac	180
ccgttccctt	tcccagctctg	agccacagga	agagcctagc	ggggaatgtc	atgaatcgac	240
ctccatcctg	agctctccag	gcctgggaca	atggaaagtg	gatagggggc	tgtcttccca	300

<210> 1107

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1107

gagccggcgt	ggacccaggg	ctgagctgtg	accacgaggg	ccatcccgac	gagccgccat	60
ggacccaggg	ctgagctgtg	accatgaggg	ctatcccgac	gagctgccgt	ggacccaggg	120
ctgagccgtg	accatgaggg	ccatcccgaa	actgtgattg	ttttctgatg	aagaaaccaa	180
ggctttgtga	ctaactcaac	ccctcaagaa	ggacaaaact	agcatcagag	ccccttgctt	240
ctgggtctgg	caagaatgcc	tcttgtttgc	tgagaggtcc	acagatttac	ccggctcaag	300

<210> 1108

<211> 299
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(299)
 <223> n = A,T,C or G

<400> 1108
 caaagaccct tccccagagg cctaccccc atagtctctc agagaggctg agtgctccct 60
 ccaggcagtc atgggccctg agggccctcc tgccctggccc tgctccccag tggggagggtg 120
 actgcgtttc ccagagtgtg agccgctctc ctccccctaa aaagctgact cactgtgagt 180
 gaccttgggc aagntnccaa ancttnttga gccttagntt ncnatctgg aaaaaatggg 240
 gccanctctt gccannagta cagggctgccc natgccentn tctctncatg cncatcca 299

<210> 1109
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1109
 ggcaagtgtg cgcggggctc ccagccctgc tgggaaggac cagggaaacca ctcagcaatt 60
 agaccctctt ggccctgccc ccaccatgca ccagcagcc gggagtgcag cggtcagcct 120
 ggcagtgagt gaaacccagg ccttcagccc tccaaagcct ggggccaccc cctgtagcag 180
 gcgatgctag aataaggagg agagccagag ctgaggctcc ttgccccttg gccccttcag 240
 gggccatggg atctctgtct cccacacccc tgtcacggnc cgcttganc ancccatagg 300

<210> 1110
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1110
 ccaagttccg cggccaccag aagagcaagg ggaactcgta cgacgtagag gtggtgctgc 60
 agcacgtgga cacgggaaac tcttaccttt gtgggtactt gaagattaaa ggccttactg 120
 aggagtatcc aacccttaca accttcttcg aaggagaaat aatcagcaaa aaacaccctt 180
 tcttaactcg caagtgggat gcagatgaag atgttgatcg gaaacactgg ggcaagtttc 240
 tggcttttta tcagtatgca aaatcattta actcagatga ctttgattat gaagagctga 300

<210> 1111
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1111
 attctcttag tgatgggctg gaggaagtcc aaaatgcaga catgaaagct tacatggaat 60
 tagtcaacta tatgctgttg actgcagagc tgtatcttca gaggagtgat gaagctacag 120
 taggggagat cactcatgct aggtatggat ctccctaccc ttggcctctg aatcatatct 180
 atggcctatc agaggcaggg ggaagtcaaa cgtaagatta aagctattgg atggggaaa 240
 aagactctgg accaagtctt agaggatgta gaccagcgct gtctagctct ctctcagaga 300

<210> 1112
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1112
 gactagcaca tggcaaggtc aggattcaag ctaggtagtc agtatctcag ccaggetgtc 60
 tcttggtccc ctgaacatta tgggtgtgac cacaaacttt cctgtccact tatacaaact 120
 tctagtgagt gtgtgtgatt actagcttca tgaatacctg acccctccac tctgaaggag 180
 gaacaggcct gtctggatca cttctctgtc cctaactgag cccatctcat ttagggaaac 240
 tacagagcac tgttgctttt tttttagatg gagtctcgtt ctgtcgtcca ggctggagtg 300

<210> 1113
 <211> 282
 <212> DNA
 <213> Homo sapiens

<400> 1113
 acctgtttca cctcccaaatt ttatatattc aaagtattta cttaaaattc agaagccaga 60
 agttcatgtc atgattacca ggaagttcag gccagaatga atccctagag aagccaggcc 120
 aagcctggat aattgcagct ggatgacctt ggcccgaatg tcacagttca gttgccttat 180
 tcctagtcca ggcttactat ctagaacctc atgctagctt aggttgcatg tttacattgc 240
 tgcattgagtc tttactggaa gcttagttgg atcgaaatgg ac 282

<210> 1114
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1114
 ttggtgtgta aataaaaactt tagaaagggt ctattgaact ttggacaggc aagctccatg 60
 agctctccct cactctttga ggcagggttaa agggtaacggc catgaccacc accttaatcc 120
 ttcagggaact atttacaaaa gattgaaaaa tgtgcccagg gcccgtaacct gcccctctgt 180
 ggaactagcc caactcaagt gggctggcag gcaagcctgg ctttcatggg gacagaagag 240
 agagtttgcg gggagcttgg catttttcaa cacatgcttt ttggcttctc ctactgaatt 300

<210> 1115
 <211> 150
 <212> DNA
 <213> Homo sapiens

<400> 1115
 gaagatgagg aagccagcac tggatctcat ctcaagctca tagtagatgc tttcctacag 60
 cagttaccca actgtgtcaa ccgagatctg atagacaagg cagcaatgga tttttgcatg 120
 aacatgaaca caaaagcaaa caggaagaag 150

<210> 1116
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1116
 gtaccacatc tagatacgag gtcagagttc agatgcctaa atattgtagc ttgtgttttg 60
 tccactgttg ggggaagagt gaagagattt gacataccat aatgttgatt agcttgtgat 120
 ggtttggcgg cagcttaggc cagagcataa agtaaaaagg aaaagtgttc acagacaatg 180
 aaaactggga ccaagtgggt aatactcaag gcacacagac caggcaagga tcccagtggc 240

cgtggatgag tctcaggtg gctctgggccc agtggaaacac acctcagtgt ggggtgaaggc 300

<210> 1117

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1117

tctagatctc atcggagatt tggacgggaa aggggttgaa agagttcccc aaagccccgg	60
ctaggcatcc agcctcagcc atgggaccca tggcctctct ttagtgaatg atgcgccaca	120
ccagctgtat cccccccagg tgtacctgcc atccttccat tgcgcaaagt tggaaaactga	180
gcctgggggt aggggtgagc ccttttgagc agcaggtggt gtctggggcc tgggacctgt	240
aaacaaatcc tcattactcc cagcctggtc tctgtgcttg atgtttagta ctagaagtca	300

<210> 1118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1118

ctcaccaaga acacaaataa acagttgatg aatccatcac atcagtgatg aatccagaat	60
gtgtccatca ttttcgtaag tcttagtatg cagagaatct cagatagcaa agcagaaagg	120
atgatgtcac agacgccttg ggtaccacgc acctggatgc agctgtttgt acacacatac	180
tttctgatat tatgttgaca gtgacttaca ccacttcaac ctcaggcagg attctatcag	240
tttctttact acagattgat ttgtttcttt aataattatt gtaattactg tcagtaaaaa	300

<210> 1119

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1119

gatagctatc tgactttctca actatgtaat aagcagatgt tgtaaactct atgctgtagt	60
tcataaatct atatgacatg tgggggtcggg aacatagtag cctaccataa gtcaggttat	120
tcttactatt ctgcaacatg taaataaacac ttgaaacaga gcaagtggta aagattgctt	180
aatttttgca tgactatttt gataaatatg ttgagaagga ccagctcaaa ggaaaacctc	240
ttggtaactt ggcataagtt aaatgtttcc caagaaagtg cactcttccc aaataaagct	300

<210> 1120

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1120

tggaaaaatat aaaaagtgc accttaggca aatgtgatgg cctccgagct gaaatgaagg	60
aactggcaat ctttccaaag tggcagccaa ggccccactc cctgtcctac tcaatctctg	120
cagggaaaaa ctgtgggata ggatagcagc cagctgggga cacacagagg aacattcaac	180
aggaaggtcc cgctagggga aaaggccaca gagcccaggc ctcttgccga ttcagggatc	240
cttgatata agtggattag aggagagggga ggaaagctat catttcagtg gtctccaaat	300

<210> 1121

<211> 290

<212> DNA

<213> Homo sapiens

<400> 1121

gcaagactga	gggaggaggg	aggtttgagc	agctgtaatg	ggtgagggaa	gagagtgggt	60
gggagaaaagg	agatttgaga	agcatcgcta	tgatccatga	atctttgtag	tcaagtttaa	120
gaaattcaag	taaacagagt	tattgtgaaa	ttattatatt	ttggttgcta	ttctctctct	180
cctctcccac	tctgtctctt	tttttttctt	tgagatggga	tcttgctctg	tgcctaggc	240
tggagtgcg	cagtggtgag	atcatagctc	actgcagcca	atTTTTTTTT		290

<210> 1122

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1122

agggagggag	ggggcaggac	agtgtggaat	ctctaggggtg	tatgggtagg	tagggggcac	60
agttagttct	aagtgggctt	ttatgctaaa	agcctctggg	gatatctgtt	ttgaaaataa	120
agataggtgt	cccctccttg	ctgtcatcta	gccagacac	tctgcttgct	ctctggctgt	180
ctgctccctg	ggaaggcttt	aggaggacca	cccaggacag	gatgaccatg	ctgccatctg	240
ctctggagct	gggtctcagt	gcagagggac	agtgactgtg	gatggttgca	gtctctggtg	300

<210> 1123

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1123

cctccacca	ccccccagtc	gtctgggatg	gacaaccatt	tggaggagct	gagcctgccg	60
gtgcctacat	cagacaggac	cacatctagg	acctcctcct	cctcctcctc	cgactcctcc	120
accaacctgc	atagcccaaa	tccaagtgat	gatggagcag	atacgccctt	ggcacagtcg	180
gatgaagagg	aggaaagggg	tgatggagng	gcagagcctg	gagcctgcag	ctagcagtgg	240
gccccctgcct	acagactgac	cacgctggct	attctccaca	tgagaccaca	ggccccagcca	300

<210> 1124

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1124

gggtgacttc	ctgtgacctc	caaaggaagt	ctcagctctg	ctagaatggg	accaaagccc	60
agctccacct	tgaacttggt	tcatagcctt	gcttcttggt	ccctctcctt	agccgggcag	120
atgccttgct	ctttgataaa	ggcttcctgt	cacctcctga	gggctcttgt	gctttttgca	180
gggtggatgcc	attaccttta	ccgctgtgcc	tcccgcaatt	gctctgttca	cacgctgtcc	240
gccatctgcc	tgcaagggcc	caggcagggt	cttactcctc	attatgtcat	tgcttcaata	300

<210> 1125

<211> 287

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(287)

<223> n = A,T,C or G

<400> 1125

ggacagtggg cctggcccggt ggagctgcca cgcaggtgcc tgagggccag gtgccacgca	60
ggtgtctgag gaccaggtgc caccaggtg gtgggggtac agacaagatg ctgggatgtc	120
ccctgcccc tgggtcaagg tgttctgcct gccntnttcc annccctgann nacntacatg	180
gaatccctan antntntnat ttttntgna nanantgngg ngtttttattt tttntntnta	240
nnngntntnt taatgntntn nantattatc ntntatnnct ttttttt	287

<210> 1126

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1126

ccctgccctg ggtctggcgg gcggaagctc tgtccaaggt ccacacacct ccaggtttac	60
gccaacatcc ttgtgccctc cccaccttct cttccaacgc attaggtgca ttgtttaatt	120
gaaatccaac caacaattgt gtgtcaagggc tggtttggtg cagtggctgg gcaaattaat	180
tttggggccag gatgggggtg ggttgcatg agggtaggga aaatgtcagg agtaggaagg	240
ttcggggggt aaggggaagg aaggaagacc agaactggcc atcctctttt ataattccatt	300

<210> 1127

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1127

tataggcatg agccattgca cccagcccag gtttttaata agatgaaaaa aatgctgtta	60
taaaaagtga aaagaggcca ggtgtggtgg ctccctgcctg tgggccagc tactccggag	120
gctgaggcag gaggatcatt tgagcccagg ctgcagtgca gtggcacgat caccgctttc	180
tgcagccttg acttccctggg cggcagacgg agaccctgtt ttttaaagaa aagaacagag	240
tacaaaattg tatatgctat ataatcacia ctataataaa tgatctgtag ataaaatgag	300

<210> 1128

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1128

tgtggcccca agagtgggag gagtgggctg tcagtaggcc accaataaat atctgtgttt	60
tggctgacct ccatatgcta ggatactgga gatgagggaac tggagaaggt gcttaaagag	120
cacatctgtc tggtagagga cacagagctg tccttcaagc atttgaacga tgttctcatt	180
tccttggaa cttctcctct ccaggctcac atctctagct ccttcaatga ttccctcttg	240
gacatcattt tagttctctt ccccaacctg gtctttttgc ttttaatgaa tgatcactga	300

<210> 1129

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1129

catccctgac agttggataa taggttccag gaagttcagt ggaaaattaa aacaaagcaa	60
catttatagc tgattgaact tgaaaagcca ttttggtgtt gaattggcaa tatgtggact	120
tcagcattcc tggagcctga tgcattccgc tggatggccc tgttcctgtg tacatgatgg	180
cctggggact cagcagtgtg cagggtactc tcctttagag ggtgctttga ggaaagaagt	240
ttgctgccac ttacagaagt ccccttccca tacagtgata taacacaagt accccatgtc	300

<210> 1130

<211> 250
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(250)
 <223> n = A,T,C or G

<400> 1130
 gagatgctga aggaaattat agccagagga aattttagac tgcagaatat aattggcaga 60
 aaaatggggc tagaatgtgt agatattctc agcgatctct ttcgaagggg actcatacat 120
 gtcttagcaa ctattttagn ccatctcngt gacatggnc ttaattcacnc gtgtntaaag 180
 tgannacntc ttggaanatg gatnctanan gannatangg cngcttttcta ctntnnnant 240
 nttnnngcta 250

<210> 1131
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1131
 attttcttcc ttatgaccac ttacagtgga tatttattgt acttgaccct tttatgccct 60
 agaatgctgt gaggggtacc atgttgaatt tgtgcagaag ctaaaagcac cagatgtgcc 120
 agagatgcaa tttgtgatta tgtttgcact ggattgtgat ttgaacagga cacttataac 180
 taatgagttc tttcttttga ggtggggaga gggttgtaaa tcaagacttc ataccctatc 240
 cttgtagctc ggaaattgag gtgtagctta ggctgatgcg gagagctgca gacagctgga 300

<210> 1132
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1132
 gttggagaaa tccaaagctg accaaaacat ggtccccacc ttttggagct tacagtctgt 60
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180
 agtaccaaac cagcatttaa tatctaatta taaatcta attggcctaaa ctttattatt 240
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggacaacagg 300

<210> 1133
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1133
 ctccagcctg gggcgacaga gcaagactct gtctcaaata gataaataaa taaaaataca 60
 aaaaaaagaa actcaaggta cagtgggtggg agtcaaaaaa gcataaggag aaaaccaaga 120
 ctgaaaactg ttattgagct tagtctgtgc ctagtccagt ccctagcatt ttacaagttt 180
 tctctgagtt aacaaacttg tgggggaaac tgaggcttcc agatgttgaa taacttggtg 240
 aagttgtaga gcaggttcct ttccatagtt ccgcattttt tacctgcaat acagcaatgc 300

<210> 1134
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1134

```

gtgctgtctt gcgcttgcgc gtggcctccc aaacccttag ggatacctgg ggccagctgg      60
ggcagtctct gtctcgacct ccttttccat ttctggctag ttaccgate tgtttcatcc      120
ttaggccage tgatgacctt ggccctctcc tcccgagatc cctgcagctt ccaacagtga      180
ggccctccag cagtgaggct gctgattttc atggcctggc tggagctggg ggccaggcc      240
aggagcagcc ccaggcaaaa atcacctccc gctgctcttc cctgccactc agtacttttt      300

```

<210> 1135

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1135

```

gtaaaacatg taatttggac atgcaagaca atgctgctgc caactaacat tgcattgatt      60
cattaagatg ttatttttga ggtgttcttg gtctttcact gacaattcca acattcttta      120
cttacagtgg accaatggat aagtctatgc atctataata aactataaaa atggggagta      180
cccatggtta ggatatagct atgcctttat ggttaagatt agaatatatg atccataaaa      240
atttaaagtg agaggcatgg ttagtgtgtg atacaataaa aagtaattgt ttggtagttg      300

```

<210> 1136

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1136

```

gtctcgcttt gtgacgtagc ctggtcttga gcgatccttt tgccttggcc ttgccaaagt      60
gctgggattg gaggcatgag ccaactgcacc caccctgtt tttatttaa gtaaaccatt      120
ataataactc atttataaaa aggttacttc aagagggctt tcaacttaag aattattttc      180
attttgaaca tgaaaagtta aatagtaact aagaaactga gaactctgac agtgacctct      240
aataggtaac tttaggcaaa agtagacaag tttgtgggta tttgttgtt catgttaaaa      300

```

<210> 1137

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1137

```

gtttatgaag aagctgtttc gtgtgtacag ttgctgctgt aatttagcca gcagtgcctt      60
gccttgcctt gcagtgtctg cacagctccc actgcttctc tttgctgttg ggcacgtgag      120
gcatgacttg gagggggggc tgggtgcctgg ggacctgctg aagagaatgc tcaccaccag      180
ctctctgttt ccctttctgc tttggtaatc aacacgtgtt tgcttgcagt ggccgggacc      240
gtgactgttt ctgcccttgt gcctagttaa gagccttcaa aagcataatg aacacttttg      300

```

<210> 1138

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (297)

<223> n = A,T,C or G

<400> 1138

```

ctgagatcgg ccaactgcact ccagcctggg tgacagagtg agactccgtg tcaaaaaaaaa      60
aagtcnaaa ctgtttgnet tnattnaggc agnaaatatt nnanttcggn atgacctgnc      120

```

atgnanccag taaggccttt acaaatnaca tccnaaacia atacanntca natgancaaa	180
ntanggccca aatgaaatga cntctnnntc tntgctatgg cngaaactna tnangacnta	240
tggaatcana gatagctaaa gttcattatt taaagctnta ctcccatgag nattatg	297

<210> 1139
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 1139	
atccagtagg tcttggggaa catgggaatc tgcatttttt ttttttnac ngcnttgctg	60
ttcatcatca agnanttcag gncnctaggg gnaaaaaact tnttnaaaa tgagggagng	120
nttngcanen tnnngtnattt cnttttnaat ngaatnngtt nttntnaaat nccaggacca	180
agnnccaaag tcancagtaa aattcanctg ngtncttttt naacgacctg naaaataagt	240
ttatgaccnc tntnccgatn caaatngtnc aaaacccaaa nggcatat	289

<210> 1140
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1140	
gtatagcgcc tcatatgaac atgaattcat atgtattatt tcatttatct tcacaacccat	60
ccagagatga ggagatgaaa actctaagac ctcccagctt ccaaatagca gagccagtcc	120
tcaaatttat tgcctagccc aaattctgtg cttcttcacc caggccacat tgcttcaca	180
tagtttccct tcagttgtaa gtagtagaaa agtaggactc cagaatcagt atccttacat	240
aaacagctca gtacatgaga ggcagttgtg agactggaaa atggatggga ctagactgtg	300

<210> 1141
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1141	
attattttaa agtcttattg aaactgaatt caaagggaat gtactatgct cccaggaaaa	60
agacataatt gagagcctct tcctcttggg ttttactta tcatgagttc tgggtctttcc	120
ttagcactgc tgggtctggg tatccccccag gcttctcagc tcagctgagg gtgtgagcca	180
tcgtatgttg gggactagct accagctaaa ggccacgttc tctgtgctgt ctagtacatg	240
agcaacagag ggaagaagtt gtgtaattgt aagaacttgt cacctttcat ctcttttagt	300

<210> 1142
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1142	
ctgatctcca gaccataag ggagatgctg agtagacaac tggggcttat gggctctggag	60
ttcagaggag agatcgggaa ggtgtccatt tggagtcac caccgagaga tgtgtgaagg	120
ctgctcaatg attttgaggt ttaaagaaaa aaagagatgt gaaaccaggg gccctgatga	180
ggctgcccag gtggtaagga agacagaaga gaagccatgg gacagctgag cccgggcacc	240
ctcaagcctt ggaggcatga agtttggtgg ggatctggca aagaacacct gggagcagcc	300

<210> 1143
 <211> 189
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 1143
 gaaacagaca aatctgtaat aacggcctaa ttctgtgtct gtgataagtt tcattactgc 60
 ccaataataa aaaatgtgta ataattattt aagccaattt gttcatttcc aacaatttct 120
 tttttttttt tcccnanacc cnnantttta aaaccttggn tnaanggttg aaaangggga 180
 nngggtecg 189

<210> 1144
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1144
 agcagctgca tctagggggc cttgggtgaga ttacactca gagcctgggc gccccccggt 60
 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggtttaa cagaaaacac agcgaatttc ccctccagtt ctccccaagt cactgaaca 240
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aaggggagcag aactgtggc 300

<210> 1145
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1145
 gaatattaag ggtattcatg agaggcaagt gataggttac tagggatgga ttgtgtggga 60
 gaaataatgc agaggaaatg atgatcatct ccattgaatg acagctgtta tatagcaaag 120
 ataaatgtaa aattagtctt attcttgga gtggaagaca gcagttatca gagaggagaa 180
 tttaatcaaa agaatcagaa tagcatggtc acaggccaga ttcacattga agtatttact 240
 ctatatttta ctgctgttac attcaaaatg tatcagaagt ctcatggttc aattaataga 300

<210> 1146
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1146
 gaacaaatca cttaaggaga aagtagaaaa aaagctgtat tttaacaaag aggtatttcta 60
 atcggcaaga caatgaccaa ccattacgac caaccattat gagaatatag cttagggacg 120
 tttgtgctca gtcctctttt tacccaatgt caatgcctgc ctcatgttat tttcttctgg 180
 aggagagttt tgtggatgcc atctttccgt tacggaaaac cagtggagga atgggcagtt 240
 tcttgccatg acccaccatc atttaaaciaa ttgggtgtttg agttcagaaa taagtcata 300

<210> 1147
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1147

cctgcctcag	cttttcaagt	agctaggact	acaggtatac	tctaccacat	gtaggctaga	60
ttattttctg	tagagaagag	gtcttggtaa	gttgccctagg	ctgggtctcaa	actcctggcc	120
tcaagtgate	ctcctgcctt	ggccacccaa	agtgtctggga	ttttagggtgt	gagctacagt	180
gcttggcctg	cataatttta	taacttatat	attcaccatt	ttacacattc	agagaaagga	240
gttgtaacaa	gacactttat	aatatagact	aagtcatttt	attgacagtg	tcatgaaagc	300

<210> 1148

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1148

ctttgggata	tttagatgaa	tggtatcata	cagatgtgta	ttattgctaa	ttctttgttc	60
tcaatcactt	gttttcaagg	acactaaaat	ccatgtagcc	cctaaaaaag	ataaataagg	120
gcaagtcact	tttcttcttc	cagtcacaga	ctaaagaaat	tatttcagat	aatatatagc	180
ccttcagcca	tgggagcagg	aagtgtttac	tgctcaagtc	agggctctcag	ttggtaaaat	240
aaacggaaac	ttctggttta	gttttagggc	cttctttcaa	ataaaaactt	cattttctct	300

<210> 1149

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> n = A,T,C or G

<400> 1149

gagaggaaga	agcagctgac	ataaacatgc	taagagggaa	acgtctaaaa	tgtaaatgaa	60
tttatgaaga	ttaaatttgg	gaaatcatga	gaatttagaa	tttctcgaaa	cttcaaacat	120
gaggtacctc	agcactttct	taccagcctt	ttaacatggg	cctccactgg	gtgcatgtga	180
gaaagactgg	gatcagagaa	aagaacctga	caagctccac	cccctgtgtc	ngaggtgcag	240
gaatgcaa	gagactacag	tattcaaatg	gtgctgctgg	agaacagaca	tgaaatccag	300

<210> 1150

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1150

agaggggttg	tgaaaattca	gacagaatgt	aacttgacaa	agagaagaca	gcaacaactg	60
taacaattat	cttatgaata	tttgcgaaac	tcaaagggat	ctgattgggtg	acctctgggc	120
tttatcaa	taacatcaca	acttctagaa	gaaagtcaac	cttcatcttt	tacaatagaa	180
atcatatgtt	ttgctaacc	attcctat	aggctgaaaa	caattaagag	ttatgggtac	240
ttaaaaaa	cattatgttt	ataaaaattag	tgatagaagg	agcatagtgt	tcatacagtc	300

<210> 1151

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1151

ggttactccc	aggtagaccag	gtggcctgta	ggaaaccaag	ggctgctata	tgaccggagc	60
tggtatggtg	tgaatcacia	tggtgtttgc	ctgagtcaga	agcaggaacc	ccggctctgc	120

```

ctgaccagc ccttcacga cttgcccga aggatcatgg tcatcaaagc caaagggatg      180
gagcctatag aggtgcctct tgaggaaaat agtgaacgga ctcagattcg ccaaagcagg      240
gtctgtgctg acagagtaag tacttatgat tgtggagaaa aaatttcaag ctggttggtca      300

```

<210> 1152
 <211> 104
 <212> DNA
 <213> Homo sapiens

```

<400> 1152
agtgcaccca tgcgttttca cttgtttctta ggctacttca tccaataata tatttgagta      60
gttctgaaca ggaacacaag taaggagaat tttttttttt tttt                        104

```

<210> 1153
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 1153
aaaaaaaggc ggtgggggga aattatctcc acaaaacaaa aagtccgaca ataagcaata      60
agctgtccag ggctgataca gggcatgatg aggtcatcac agatccaggt tctttctgtc      120
ttctgtctct cattcgtagc ctgtggcctt gtcattccct catctggaaa tggcggtctgc      180
agccccaggc acaatggccc gttgaggaag aagggggacg atgtgcagtg tcaggttatt      240
ttatcaggaa agttcaaagc ttctcagaaa tcttctgttg gaattctacc tgggtgtcat      300

```

<210> 1154
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 1154
gacaaaagaa aagtatcatg tagatttcaa ctggagacag tgactttaat cttctaagtt      60
cagagacaaa ttctactgca ctctcttcag tgtttctgaa gcgtgagcat atttgctaaa      120
cagttgccta tctcatcatt gtgttaggct cctcatattt tccttaggga aatgctatgg      180
agagttcagg tcagaatatt gtgttgtaaa tgttgccaca gtaaattgcaa ccccggcctt      240
tactgttggt tcatctcaga tgaatatgtt tctaaagtca tgataaacca acctcatgca      300

```

<210> 1155
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 1155
cccagctccg gggcatcagc ctgagtgcgc ttgagctgct ccaaacctgg cccttcccca      60
ctcctctage atcgccaccc gcatggccct ggaactcccg cggcgggcggg ggcggggcccg      120
tgctgtctgt gccccgactt cccacaccag ccgcgcccac cgcaggtggg actcaggttc      180
gcctctggg ccaggtcctt cagcaggagg gagctaccct tcgccagaag tttgtgagaa      240
tgtggccgcc ctttctctgc cctctgcccc atgtgggttg ggggectcgt ggccccggccg      300

```

<210> 1156
 <211> 300
 <212> DNA
 <213> Homo sapiens

```

<400> 1156
aagaggaagg taagtagata aatagggaag taaaccaggt ttctaattca tgggtgaatc      60

```

cgatagaata	ggtatcagat	tagggattac	aaaatgtatc	atgggtacta	aatatcagta	120
caaagcagcc	acaataatat	tgatttatgg	atttaagtaa	cccgaccaa	ccttgatgta	180
tctcatcatg	ttgaatttct	gctccagata	ataaagtatt	gttcgatctt	gtgcattggc	240
cttttatttt	tcagaatgat	tcaaaggatg	gctttgggga	ttcactgtaa	gattttttgt	300

<210> 1157

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1157

gtaccataag	aaactttttc	tgaaaagtgt	attagcaaaa	agaggactct	tcagctttct	60
acttgtoocg	gaactttgat	gttctcctga	aacctccatg	tgtgtcaaga	ttgggaaatg	120
ggagaatcaa	gaatcagtag	gtgttaggcc	accgggattg	cctgtatcaa	aggaggagca	180
caaaaccaag	ctgttctcaa	tcaaaaagtag	atccaaaaca	acgttttcac	aaaagtccaa	240
agaaaagtat	catttttcag	gttttgcgaa	gaggaaattg	tggcgaacag	aaaattggag	300

<210> 1158

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1158

ttcattttta	aaaagcttct	ccttattatg	ttgttgttta	acaacttaaa	cgctatctct	60
agaccaggaa	taattatttg	ctatatatta	cagcaaaaaa	tatgtatgta	taaatggact	120
cattcaaaat	atataaagaa	ctcctattac	aaagaaattg	acaaacagcc	cagtatatca	180
atgaatataa	aaatttgaga	agatatattc	cataagaaga	tatctaaatg	aacattaggc	240
atgagaaaac	caaattttag	gatatcacta	cacacctggc	atagtttaaa	agactgaaaa	300

<210> 1159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1159

acaaagcata	tgtaccaaca	atgcatgttt	atattctgtg	ccatgccagg	ggcaaattca	60
tagttggcct	gtttccataa	gtgtggggat	ggaaccttga	aacacaggac	atctcataat	120
gctgtaagca	gggaccattg	aaattgattc	ctagagtctt	gttctacaac	ttctttaaaa	180
attactgatt	tgacagcagt	atgtattcaa	catttaagac	tttctgtcta	attttgagca	240
tacattcttg	actaaggcta	gcaattagag	attctttctt	taatttatca	gatatctatt	300

<210> 1160

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1160

ctcttttctt	getttagtgat	ggcatccatt	ttaaggaaca	aacctggaaa	tgctgagcga	60
agaacacata	cccttcattt	ccaaagggtc	atttcccact	cttacttttag	attgacaatg	120
agttgtagtt	caaaggctgc	cctgcaggga	agctcatata	ccctataatt	taaagggcct	180
cagacgactc	ttgggaaact	tggtaaaaca	ttctatttag	agacatgcct	gctgatatga	240
catatatatt	tatagttata	cccctttatt	gctgggacat	aaaacctggt	ttcactcaaa	300

<210> 1161

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1161

gttgtagggc	tccttcac	gttcattggc	tgtggcatta	ggccagctac	tccttgccact	60
tctgtaaagt	gagacggctg	atcttgtctg	cctctctaga	ggatggctgc	aggtgtcaaa	120
tggggtagtt	aggtgggagg	gcatttcaca	aagttaaaaa	atatgacttt	ggaggcttgt	180
tatattgatg	aggattataa	tccttgagaa	ttcctgggtat	gaaaaaggga	aaagaagata	240
atctgtgaaa	gaaataagtg	tcagttact	agtctttgaa	aagggtcagt	ctgtagctct	300

<210> 1162

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1162

cgttcctcaa	aggggccc	gttgteacct	tctcccacag	ccatttcocac	ccatcggtgt	60
ctagaatctc	tttcatttagc	acattccaac	ccctctgcca	cttgggtttag	aaatgagctc	120
cctggctcag	tgggcctttc	agaatctgga	accagacgga	ggaggagtta	agaagatagg	180
acagaacagg	caggcccagg	tgctatggtt	ccactgggga	gagaccattt	aattctccag	240
atgctttact	ccctgattgt	cttttagcca	ttattctttt	cgttttaaga	gacatgggtc	300

<210> 1163

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1163

atttgattta	aaaaaggaga	aatgttcaca	ctcagtctag	accacttagg	tatgcagagt	60
tgcacctcga	aagcaattgc	tcacactttc	cttaatatatac	tccctctcca	cctttgcaaa	120
accttgattg	gcatggagcc	tcgactgctt	gcattgtata	cacatgtaat	aagaaagcat	180
taaatctctt	ggaaattagg	aattgacaag	ataaatagat	aaggcataaa	gccaattttt	240
cacacatgtc	cttaggctct	tgtaaattgtg	tgccctgggtgc	tgctttgact	tcccagggtcc	300

<210> 1164

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1164

aacaactccc	tacgtcctgt	gtggggccct	gccaagtgg	atgaggcatt	ccttgaggag	60
tatcattttc	cctgacaatc	cccatcacct	ttagggggtc	cctgcttggc	tcctttccag	120
ctgaaaaact	agacctgtgc	cattggggaa	gctggacaaa	gtctaggggg	cccgcctggt	180
agaggggtcc	gggaagctgg	atctgtcagc	ctcggccctg	aggcccctgt	taactcaaga	240
ctgtgagctg	cctctagggtg	gtcacgtctg	ggagctagct	tgtatggctt	ctgaccagta	300

<210> 1165

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1165

gctgtttgtg	caaatacctt	gaaaactttg	aaacttgacc	ccggacaggc	ctggtgccag	60
gtcctttccg	acttttgtgt	tttctttcca	cctttcacta	ctgaactttgc	ctcttttecta	120
ccaggaatgg	acagggccga	tggaggtgaa	goggacagca	gctgcactgc	cctgtagaga	180
ttcccaggcc	ctgcccactt	caaagcacac	aagcccacct	tttctcacc	acatttcctt	240
ttgcaacca	gggaggcact	caccaggatg	ctgccaaaga	ggaaacattt	tattaacatg	300

<210> 1166
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1166
 ataggataac aggaaaaacca gggctgtagc cacagcctcc atattttcct aaaaatttta 60
 gagtgtccct gctacttgac aaattgaaat actaagattt atacatttcc atggaaaaag 120
 caacagtggg aaagagaggg ctccccagat ttgtcttata gatctcatcc ttcagagact 180
 agccttctgt tagaaatgct gtctccaagc acaagacaga ataatcatat aataccaata 240
 cacaccagtt gctaaggtct ccatcctttt aagtatttgt tactgagtgt tttgcctgta 300

<210> 1167
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1167
 ctgccatgtc tagtggggctc ttctggggctc cgtcctgagt ttgtcacacc tcctagggcc 60
 cagaggagat gatgtggtat ttctatcact aaaaggagtt caagaccagc ttgagtaaca 120
 tgggtgaaacc ctgtctccac taaaaatata aaatttagcc aggcattgatg gcgcattgcct 180
 gtaatcccag ctactcggga ggccgaggca ggagaatcat ttcaaccag gaggtggagg 240
 ttgcagtgtc ccgagatcgc gctactgcac tccggcctgc gtgacagagc aagactccgt 300

<210> 1168
 <211> 290
 <212> DNA
 <213> Homo sapiens

<400> 1168
 ctgaagtgtt cctcagatct tagtattttac atctaaactc atctggaaaa aaatcatagg 60
 agggtaaaaga atatgaacaa ccttcactga atttccatat cttatataat aggaatgaat 120
 ttaacatgga cacaagtccc agtgatataa ggaataggca agagtagtaa ttcttcacat 180
 cttataaagt gtaagaactc acctttggga gaaaaatctg gttctaaggc atgtgggtaaa 240
 gcctttgttt cttccactat tggttatttt tctttttttt ttttgaaaca 290

<210> 1169
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1169
 accagagctg ggcccaggcc aggaaacagg caccaattcc cgaggaaggt cgcctagccc 60
 cattgggggtg gggtcagaga tgtgcaggga ggaaggggga gagggcacgc cagtgaagca 120
 ggacttatct gctccccctg gctacacct cactgagaac gtggcccga tctcaacaa 180
 gaagctgctg gaacatgcct taaaggagga gaggaggcag gctgccacg ggccccggg 240
 tctccacagt gacagccact cgctggggga cacagccgag ccaggggcca tggaggaact 300

<210> 1170
 <211> 273
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(273)

<223> n = A,T,C or G

<400> 1170

cctttttttt	ttttttaaaa	aaaaactatt	taatttttta	atattttttt	ggttgttttt	60
tgctcaatga	agtttcagct	tctcaacctt	ctcccccttc	cagggctgtg	gacccagact	120
ggccttgagc	cacagtcctt	ctttcccttc	tccccctett	ccccctgcgg	gctccccggg	180
ctgtccattt	gttactgtgc	tgtgctgggg	attggcgccg	aggtggcgtg	agattccgct	240
tgtgtagacc	ttgtgantan	gaagggttc	caa			273

<210> 1171

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1171

gttcaactgag	gacagcacca	cctcgggcct	cactgaagaa	tctacagcct	tccccggcag	60
cccagcctcc	acccaaacag	ggttacctgc	cacactcaca	accgcagacc	tgggtgagga	120
atcaactacc	tttcccagca	gctcaggctc	aactggaaca	aaactctcac	ctgcccgcctc	180
caccacctct	ggcctcggtg	gagaatccac	accctcacgc	ctcagtcctaa	gctcaaccga	240
aacaacaact	ttaccgggca	gtcccacaac	accaagcctc	agtgagaaat	caaccacctt	300

<210> 1172

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1172

gctgggtttt	ctccttaagt	gacaggccag	gaaattttat	tagtccctta	tgagtgtaaa	60
ttagtactta	atccttttagt	cttaataggc	agtgatggga	tattacctga	gagaaacttt	120
ccaaaatgag	agtgtctctgc	catttcgttc	atthttgtgtg	tggttcatca	tgcccccaaa	180
gttctctcat	ccactctatc	aggaggcaga	aaggggagcat	ctgagacctt	atactgcctg	240
catgcagaag	tggtctctgct	gggtttgttt	ctgtagtgtat	gacactttga	atgttttttc	300

<210> 1173

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1173

cccaggctgg	tctcaaactc	ctgggcttaa	gcagtcttcc	caccttgggc	tcccaaagtg	60
ctaggattac	agacatgagc	tgttgcgctt	ggcctgaaca	tattatcttc	ttttgctttt	120
cttctctact	ctccaacctt	ccctctgtcc	tgttgggctg	ggaggcagga	cattgggtgt	180
ttaatcatgg	actctgaaga	gtcactgcta	gctgagtttg	aatcccagca	ccctaattac	240
ataggtgccc	ttgggcaaga	tattttactt	ctctgagctt	cagctttctt	acctataaag	300

<210> 1174

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1174

atgcagtgtg	actggcagga	ggggagtgtg	aactacttgg	gtagatgata	aggagatact	60
ctgcaagagg	aaacatacag	aaggagcctg	acatgagaaa	actggggcag	cagttttcca	120
ggaagagggg	ccagcacagg	tccaagtgtg	aactcagaat	ggaattttag	gaaattatat	180
tcttcatgat	ggttagatcc	tgtgggctat	catcactgtc	gttcaacaat	gtgggtgccta	240
gtaggaagag	ttctcccagg	aacctccac	gtgtgctatg	ggattttctg	gaaaaccagt	300

<210> 1175
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1175
 gcaccaggcc gccctcggag caggaagggg ccgtgggtgg ggagaggcct gtgcccagt 60
 acccccctca agaggetgag cagcttagcc accaagcagc cccaggaccc agaagggtct 120
 gcatggggcca tgagcgggca ctcccaatac agcttaccgt acaggctttg gacatgccgg 180
 aggaggggtga ggaacctggg gtaagccaca ggggtgtgga ggggctgtcc ccgctccgc 240
 tgagccctgc tctgccccag ccctcgagac ttgtctgtgc tacctggact gcacccacac 300

<210> 1176
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1176
 cttgaagtag aatttttttt cattccttac acttctcagt gagtggtaac tgtagttttt 60
 gctatcattt ttcatttttcg tttttgcagt tgaacatact tttttcactc agagagttgg 120
 agggacttgc ccaagactgc ccaatggcaa tgagatttca acctcaaate aatgttcttt 180
 ttaatgcaag atgataaaga gtaggattta gcctaattta ggatagaata aagccaaata 240
 atttaggata ggttctttgg tgttcattgg tgtaatctaa tgcccatgat gcaagtggca 300

<210> 1177
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1177
 taaagttaca cttaaacagt gatacataga ttgccagata aattttggaa gggctttgat 60
 taattaggct tcagggaat tgtgaataaa aacataaatc ttgcaatagg gtaggggaaa 120
 gaaaataatc ccactcctga agtgatgaaa tgaagagtgg ctagagagga gaaaagaacc 180
 aggacaggtg atatattagc aactgtcagt gtgaataatc cagggtatga cttttctaat 240
 ttagcctcac atttaaggtc atttctgatt caacctcaaa tgatccttct agcctactgc 300

<210> 1178
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1178
 cttaggggaa ggaaatgaag gtcagctttg ggtatactag tgtaagggtgc ccatgagaca 60
 ttcagataaa aaccagccac caggcatatg gagataacag ggctgaactt aggagaaaag 120
 cctgggttga aacagagatt cggatatact cagtatgaag gtgatagttg aaactgggga 180
 ctggatgacc gaaagagatc acccagaaca ccagtacaga gaggagagag ctgaggatgg 240
 aattttggga cataggtgct tctacagcac atggcaccaa cctctaataa tcacaccact 300

<210> 1179
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1179
 ggagaccagg tgggagccac tcacagaaat cagtaacatg aaaaccacag ccacaaaacc 60
 accactggca ctcaacgccc atcatcacgg gcaggacagt tctacatcat ctccctccgg 120

cctgaggctt	cccaggcagt	gtgggaaggg	gggctgcac	tcttggtgg	ggttcacacc	180
taagtttctt	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	cacctggga	aaagtgttgt	ctccgcacac	300

<210> 1180

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1180

ggagaccagg	tgggagccac	tcacagaaat	cagtaacatg	aaaaccacag	ccacaaaacc	60
accactgtca	ctcaacgccc	atcatcacgg	gcaggacagt	tctacatcat	ctccctccgg	120
cctgaggctt	cccaggcagt	gtgggaaggg	gggctgcac	tcttggtgg	ggttcacacc	180
taagtttctt	gaggtccaag	ctgacctgga	aagtttctag	tgagtggcac	atcctgtccc	240
aacaagggga	acacgggcag	gatgtgcctg	cacctggga	aaagtgttgt	ctccgcacac	300

<210> 1181

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1181

caaagggtgat	ctcaggaaag	gtctaagcta	gtttacagta	tgccatttc	ctgtgtaaac	60
catttaattt	aaatgactct	gcttgtctca	ctgttatgat	aaatttgtgt	ggtagatcgc	120
agcctgttag	ctattactgg	aagttttctg	cttttattac	aggcctctca	aataggtagg	180
ttttaacatt	ttattggacc	ccctgcccct	tccaatttc	aactattaaa	tccttaaatt	240
tggtgttttg	gttatgcaga	agttagttat	caggttatat	ggttcccaat	gagtgaggaa	300

<210> 1182

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1182

gagatccaag	tggtttagaa	ggggatgatt	gctggtgaag	gttctgaaca	tggtgacagg	60
tgggaggctg	agcacacact	cgtacaccgc	tggcaggaag	agaaatgact	tttctggact	120
acaatttggg	gataacacaa	acattaaaaa	gaagaaaaaa	ttgtatccct	ttttgactaa	180
gcaattctag	gattgttatt	tttttctcct	gaggaaacta	gcatggatgt	tcacattcag	240
gtgtggggat	gtttatcaat	ttgctatatt	agaaaagaga	aaaaaagttt	agcatgtcac	300

<210> 1183

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1183

ctctgcccaa	tctatttccg	gctggatgtg	gagtctgaag	gcctggcacc	cactctgget	60
ctgtgattta	ccagctgtga	gccttggggg	tgctgcttac	tctcttggtg	attctttact	120
catttctatg	atggggtaga	ggataatgcc	tatgcttaca	aagtggctgt	gggaagtaaa	180
ccggatggga	taagaatggc	ttgctgtgga	ccacaggcac	cgcaggataa	ccattcctca	240
gaactcctcg	tactgctcta	gtgcttggag	gtccgtgtat	tacctcagct	attccaaccg	300

<210> 1184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1184

atacgatggg	gtgcttggtg	gatgggccc	ggaggtccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggctcagga	tgccccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagttgg	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tgttggggct	tcatgaacta	ggatgaaagg	aggcccctga	240
gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300

<210> 1185

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1185

cttttaggttc	ttgattatgt	cactgtaata	aagcaaccaa	tggacctttc	atctgtaatc	60
agtaaaattg	atctacacaa	gtatctgact	gtgaaagact	atctgagaga	tattgatcta	120
atctgtagta	atgccttaga	atacaatcca	gatagagatc	ctggagatcg	tcttattagg	180
catagagcct	gtgctttaag	agatactgcc	tatgccataa	ttaaagaaga	acttgatgaa	240
gactttgagc	agctctgtga	agaaattcag	gaatctagaa	agaaaagagg	ttgtagctcc	300

<210> 1186

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1186

ctgacctttg	tagagaatcg	gaccttcgac	atgcaatggc	caattgtttt	gaagcgtaa	60
taggagctgt	ttacttggag	ggaagcctgg	aggaagccaa	gcagttattt	ggacgcttgc	120
tctttaatga	tccggacctg	cgcgaagtct	ggctcaatta	tcctctccac	ccactccaac	180
tacaagagcc	aaatactgat	cgacaactta	ttgaaacttc	tccagttcta	caaaaactta	240
ctgagtttga	agaagcaatt	ggagtaattt	ttactcatgt	tcgacttctg	gcaagggcat	300

<210> 1187

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1187

aatatatcac	atcatgtaat	aagcctctca	gagatgtagc	attgagcaga	ttaaggcctg	60
atztatagaa	aaattccacc	ctggccatgt	gggcctgaaa	ctctggaggg	ctttaacaat	120
gtcttgaggt	cattgtcatt	taaagagatg	actcattggg	tttatttagt	agaaataaat	180
actaaataaa	taatctccac	agattatcca	gaggggtaag	ttgaaggatg	ttgacagata	240
actcagtaaa	ttgcgtctca	aatattaata	agtttattct	atgccagcac	caaaaatatt	300

<210> 1188

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1188

agtgattaag	tctcactaga	ataggctttt	ctaaattggt	ttatctcatc	ctcattagaa	60
cttcaccaca	tgtgggaaat	catgtggcaa	aactgtctct	cttaaaaaaa	aagtcaccaa	120
ggaaacctcc	ttctgcaatt	taagaaataa	aatcccagtg	acattgattt	ggatgctcca	180
aacatgtcca	taatggaaga	gcttttccag	gttttggttt	gggcccccca	gaccaaagct	240
ttgacacata	atacaagctc	tgtaagtctg	ttttcctgtc	tgtaatttgg	gattgtcatc	300

<210> 1189

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1189
 gttttgactg gtactgtttt cattgttatt taattttgtg ttttttaact tctttcatga 60
 ttccctttta actgaagggt ttcttagata tttagtttgc tggatatatt ttttaaaatt 120
 gtatcattgc tttctttcta tattggatta ttgtcagaga acatgatttg catgatatta 180
 acttttttggg gtatattgtt gcatctttgt ggcttagtac atagttaatt tagtgaatgc 240
 ttccagttgt acttgaaaag aatgtatatatt ttctgattat tgagggtaaa tttctctata 300

<210> 1190
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1190
 tgactttgta cctgggtccaa gctgttgggg aattgctgct gttgaccag gcaggagtct 60
 gactagagaa caaactaagg ttgctgcaac aaacaaggac ctcttccaag aagggtctccc 120
 aggcctggcg cagtgactca tgctgtgat ccagcactt gggaggccga ggcgggtgga 180
 tcatttgagg ccaggagtgc gagaccagct tggccaacat gatgagacct cgtctctatt 240
 aaaaatacaa aaattagcca ggcgtggtgg cgctgtagt ccagctact caggagggtt 300

<210> 1191
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1191
 ggccaagcat cactgcacgt gccagctccc caaacggctg gtaagggggc ctggatactt 60
 aactgtaact tgcaaactgt atccctagcg ggcccaacac aaatcctgga gaatcagagc 120
 tggggtggcc ttggaaactg gcaagtcacg ctccatcttc acagggttag ggaaacaggg 180
 ccaggaggag tgcacctgcc agggccacac agggaggagg tgtgtggctc catgtggcct 240
 caggcctgaa ttctattatt attattatta ttatttttga gatggagtct tgctctgtca 300

<210> 1192
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1192
 ggccacgac taccaaattg gccctaccg caagaacctg ctatgctacg accaccggac 60
 agacgtgtgg gaggagcggc ggcccatgac cagggcgcgc ggctggcaca gcatgtgcag 120
 cctgggtgac agcatctact ccacggggg cagcgatgac aacatcgagt ccattggagcg 180
 cttcgacgtg ctgggcgtgg aggcctacag ccgcagtgcc aaccagtggg ccgcgtggc 240
 gccgctgctg cagcccaaca gcgagtcggg cgtggcagtg tgggagggcc gcatctacat 300

<210> 1193
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1193
 tgtaggggtg tgtaggggtg tggggattaa gatctgctga gtaggtgctt accagagtta 60
 tactgaagga cctgaagaca gatcatcttc acataatcag catgacctat aatctgtgat 120
 gtcactgagc ttcttttatt tctgtagtca aggaatgtgc acaagtaatg caaatataat 180

tacttttagt cctgaggatt agggaaacttg ggggatgttc acattacctg atgatgtcaa	240
tattgtgtta tgtttaattt tttttaaaaa agatgcttat ttattactga aataatctaa	300

<210> 1194
 <211> 300
 <212> DNA
 <213> Homo sapiens

aattgataat aattagacaa actgaactaa attttttttaa cagataacctg agtgccaagc	60
ttaacagata cctgagtgcc aagcataata aacaggaaat atacacttca aaaaagaaaa	120
agaaaaatga atgcatactt atcaaatact tgctgtaaga gcattaagta ctttacataa	180
gtcaaatcat ttaatectca tgaccctaag aagttatttt aagatctttt gagaatgaga	240
aaaaaggatg agtaagggtg ggtgatctat gtaaaacaaa taaattctag taactggcaa	300

<210> 1195
 <211> 300
 <212> DNA
 <213> Homo sapiens

gccacggcgc tgggcctgaa ttttttttaa tacttaattt agatcaataa cttcgactgg	60
tactgaaatt tgcactcact ttcagcttac agtttggtgta ggactgctag acccagttct	120
tttgtcatct cattcttaga gagctcttga aaaccaaagt atttaaaacc ctgcaagttt	180
ctgtgcagat gagtgcaaat ttccaccag cattgggtcc tgagtaatta gaggaaggaa	240
gccatgcaaa agctgctatt gcccaggctc cagaaaaaca tcatgtaagg ttgattcca	300

<210> 1196
 <211> 300
 <212> DNA
 <213> Homo sapiens

ttatgcttca tgttcattgt tttaccaatt ttagaataacc ccaatggggg aggtactttt	60
atctctcttt ttacaattgg ggagctcgag gctcagtttg gtcattgttg aagtcacctg	120
ggagttgggc tccaaccag gtcagtctgt ttcccaaaac ccttctgttt gactttgccg	180
ctgaagaaga tacaatgaga tgaagagtct tgggcatgat ggcacacagg tcatcaggaa	240
gaaggccatc aggaagttgg actagaggtg ggagggggaga aggaattagg ggatttggaa	300

<210> 1197
 <211> 289
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

agtgtcagtt ttcctaattc cagtccaggt aggaattaag aaatatctca agtgttgatg	60
ctatccaagc atgttggggt ggaagggaat tgggtgccag aaaatgggac tggagtgagg	120
aaatatcttt cttttgagag taccaccagt ttatttctac tgtgctttat tgctactgtt	180
ctttattgtg aatgttgtaa catttttaaa atgttttgcc atagcttttt angacttggg	240
gttaaaggag ccagnggtct ctctgggtgg gtactatncn gagttattg	289

<210> 1198
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1198
 cccagggcgc cctgcctgag cctctctgca gctgctcacc tcctgctgag gcctctgcct 60
 tcagagctag tggggcctgc tcacacattc cagtagtttc ctctttatct gcctgaacc 120
 aagttgtaga atttaaagga ggtgaagtaa ggcgatttct atggaaaata tatttttctt 180
 ctttactcct catgctgagt gcataagaat ttattatttc ccctgaatgt tcaaagtggg 240
 gtgtgtgtgt gtgtaaaaga accaggagca aacaatctta ataggaatgt gcgatcttgt 300

<210> 1199
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1199
 aagtcgcaag gcataatttg ttgcctaattg gatttgccgc tgctgatgat gattgctgta 60
 gttgttgagc aattttgttt ttttttaaag caggggtgacc tgaaaatgct ttgtagagga 120
 catgggtttg ggccgcccct tgaaatgctg gggaggattt gactccttta ctgtcgagga 180
 gggggaaggg cattgccaca gttgggacag tggcacaaac tcaaaaggaa ggaagaacta 240
 ggtaatttga aaaacagaat aaaccaattt ggctggaaag tgaggtcttg tgagaaagca 300

<210> 1200
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1200
 gacacctcgg actggggagga gaaggagttc ggcttcgcgc ggacagaggg ccggctgctg 60
 ctgctgcagg actgcggggg tcatgtccag gtcgctgagg gcggcgcgcc cgcagagttc 120
 tatctccagg tggaccgctt cagcctgctg ccacaggagc agccccggct acgggtgcct 180
 ggttgcaacc aagacttaga tgttcagaaa aagctctatg actgccttga ggagcacctt 240
 tcagagtcca cctcgtccaa tgcaggccta tcaactgtcc agcttctgga tgaaatgcgg 300

<210> 1201
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1201
 gtgtgtgtgt gtgtgtgtgt agaggagaga aagagaccat tatcatatga gtgtgttggg 60
 gctgctgaga gggtttcgtt tacaagtgc cttgagtgtg tttcatctct ggaatgcatg 120
 gtccctgcgc tcaagctaca caatctgatt agtgaagtat tactaataca ctagaaaaat 180
 atacatagta attaccaaatt gactgacaca attttatagg gggttcagag aaacatctgt 240
 gaatgggtaa taatgaaaaa agaaaagttt ttctctttgt tttagtctga cccttttaac 300

<210> 1202
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 1202
 cttcctgtgc caggggaccg tggagaaaagt gtcaggggcc gctcactgca gcagcctgct 60
 ctgctgcctt ccctggcagt gttctggggg tggattccct acacctagat gttcaaggcc 120

ttactttttcc tcccacaaag gattcgca

148

<210> 1203

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1203

cagaaaaacta gcagggttaca ttttataggc tattgtagtt ttattttacca aatgatattc	60
tctaaatcac ttcgaccaat aaatgtattc tctccttaa agcagagttg tatcaactct	120
gtgggagcat ttatgagctg tcagtcccca cacttctagc cagaatcaca ataaggtctg	180
gctgggtgtg ggggtgctgca taggaaaggg tctctggaga agcaagaagg gcacaatcat	240
ggcccactgc tcccctcttc ttctcagtgc tctttgccct ctctgctgc gatgcttct	300

<210> 1204

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1204

gttgaggat ccgttacaag aattcagagt ttggcatct cccctttgta tgttgtagga	60
gaagggttgg cattgaaaat gtgctgtgt tccaaagaaa aattagcaga ggacttgaga	120
tttagaaaag tctcctttgt aatgtgcatc attaccagtt atctaaagaa aaacatgtaa	180
aagccaacaa aacccttgaa aatattttgc atatggatgt ctgtttcacg tttcaactga	240
agatgtatag agcacctctg atgatgagga agataccatg ctaggcagta ctttcaagaa	300

<210> 1205

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1205

ccttcccacc ttgtgagttc tcccagcagt tcttggtatc ccttgccaag gcactggcca	60
aatctgaaga agattacctg gtcattgatca ttgtccgtgg gtttggtttt cagataggag	120
ttaggtatga gaacaagaag agagaaaact tggcgctgac cctgttatag tgggttatag	180
ggtgtcccta aaggaggagaa atgatttcag caaaactggg tgaacagcgg atgaagatat	240
ggaattcaaa gctctaattg acctttttga agagaagttg tggcttatgt ggagtttaca	300

<210> 1206

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1206

cagagtcaac atggagcatc tcaactgtgaa atgatccatg gattgaagga tatggtaaaa	60
tgtttatagt ttactttgaa agtaaaatat actatgtctt ggttttgagg atattggata	120
caaaactctc ttccttttagg gctactgagt cttgatccct gatcatcaga aatttcacca	180
gaaacaactt gcttccaata taccctaattc tatatgaaga attcatggag agtgtactgg	240
cactggaaga gtttagtggt tcttgtatgc ttgaaaataa agtatgtact gttttgaatg	300

<210> 1207

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1207

gtcgggtgta	cacacattca	cacttgcagg	cgtgcaggtc	ggtgggtgta	cacacattca	60
cactgttgca	ggcgtgcagg	tccgtgggtg	tacacacatg	ctgttgcagg	cgtgcaggtc	120
ggtgggtgta	cattcacact	gttgcagggtg	tgcagggttg	tgttacacac	attcacactg	180
ttgcaggctt	gcaggtcggg	ggtgttacac	acattcacac	ttgcaggcgt	gcaggtcagt	240
ggtgttacac	acattcatgc	tggtgcaggc	atgcaggctg	gtagtggtac	acattcatgc	300

<210> 1208

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1208

atTTTTTTTT	ttcgaatgag	ccttaatctc	ctactagtga	TTTTTTGTTT	gaaggagcct	60
tgatcttggg	ccaccgaaaa	ggtaaaacca	gtggcaagct	tgaatgcttg	TTTTATGGTA	120
gacttagata	cgagaacggg	taaagggtac	tggataaaact	tgggatataa	gattgtcttc	180
TTTTATGCAT	accactcata	ccactgggtg	gaaatttcat	ttggaattac	tccttagggc	240
catggagtct	tcttgcata	gctaataatg	taagtccca	ttaccttggg	taataagaaa	300

<210> 1209

<211> 215

<212> DNA

<213> Homo sapiens

<400> 1209

acctggtgtc	ctcgtgcttc	ttgggcaggc	cagctccatg	cagtgcagtg	cccctgaagg	60
gaatggggcc	aggagaagac	ataacagggc	atgaggatct	tctctgtgcc	aagaatcatg	120
ctaggtaacc	cccctgagat	ttctcatcct	cttgagaatc	ctgtgagatg	atcctgctgc	180
ccttattttt	ccagatggaa	aaacggatta	cccag			215

<210> 1210

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1210

cacctgtgcc	cccaggctca	aggtctctgg	cagggtgcaca	ccagcccaac	tctgcagggc	60
ttctctccct	gccaccaccc	ccaagccag	gaccccactc	cttccccgag	gctgagctga	120
gccttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gtcccggtg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgaggctga	240
ggccccggga	gaggcgggcc	ctacccaaac	actggtgtgt	ggcattccac	caagtgaccc	300

<210> 1211

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1211

ttgcacagga	ggagaattag	cacgatgtaa	aataaaaatg	aaagacccca	atggggagaa	60
tattttaaat	gtcttgcagg	gagtgggaaga	aagctttgct	taaaaatgtc	accatatgct	120
aactatatac	agcacttcaa	gtttatttat	tgttaaagcc	tcattgtaaat	cacgtcattc	180
tgaaaatcat	ggaaactgca	cattttgtgca	ttaaactatg	taaacaacaa	aaactgggtca	240
tccgtccaat	tgttgtttca	cttattttga	attatagtgc	aattttgtgg	aggggtgaaat	300

<210> 1212

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1212

agggaaaata	tgacaaacct	caactatggg	agttgtccac	aatacaaaat	tttgaaaaaa	60
cattacatag	tgataatatc	atacttggtt	gttaggcttg	ttgcttcccc	acatcagagg	120
catctaata	gttatctttt	gtaattgctg	tgaacttttt	taaataagcc	atttagtggtg	180
aaattgtcat	gtatcaaagt	gctattggaa	atggacttta	ctcaatttta	attccactgt	240
aaataaggac	ggagtcattc	ctacaaggct	ctcttcagag	aaatagatta	aaagtccaat	300

<210> 1213

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1213

ctctcactag	ccctgggcac	ttcccactgc	ctttgtggac	ttctgtttgc	tcttctgtag	60
aatgggataa	cagtgccagt	cctgcttact	atttaggggt	atgtgatgct	tgcagatgta	120
cagggaaaagc	accgctgatg	ggagctgctg	aagtttctag	gggaggtgaa	ggtggcgctt	180
cctccccctgg	tctaagtggg	agatgggtgca	gggagaggag	aatttcattc	tgtggcagca	240
gctgatagat	tccaggtctt	taatactacc	tgggaaaacct	taacaaagca	gtcagtcacc	300

<210> 1214

<211> 299

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (299)

<223> n = A,T,C or G

<400> 1214

aaacagtcta	tacatgttca	gtacagatgc	agccatccat	tttcttgtcc	aaatattttt	60
tatctccagt	tggttgaatc	cattgatgca	gaaaccacgg	atacggagag	ctgactctgt	120
gtgtgtgtgt	gtatactcac	caattcttta	tttattnaac	ngatatttat	tgaatnttta	180
ctatngggga	ngnatanttn	angagcntgn	ntntanctta	gncntcancc	ntggcttann	240
gcncncnggan	tctnatgnag	atccnaganc	gntngncenn	atcacnntgc	tttgcgcct	299

<210> 1215

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1215

tttttagttt	tcacaaatctg	aattgactct	ttttttcttt	cttctagagc	cagaaacttt	60
tgataccatt	tttcatgctg	ttgaacttca	tcttgtgttt	ttccaggaag	gtgttctaga	120
acttcttcca	taaatgttgg	cttcccttta	tgtttgtttc	tcacctttac	aaagtctctg	180
tgatcataat	catcccaggc	accttgtcgc	cctcctgttt	gctgaaggaa	tttttcaaaa	240
tctagtacct	cttctggaag	agtacttggg	gttactttgt	ctacaggaac	tttgccttag	300

<210> 1216

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1216

tggaacagga	gagtcgcatg	gaggtactgt	ttgcctgtgc	tgaggccctg	catgcgcatg	60
gctatagcag	tgaggccctc	cgtctcactg	tggagcttgc	ccaggatctg	ctagccaacc	120
cacccgacct	caaggtagag	ccgccccctg	ccaagggcaa	gaagaacaag	gtatccacga	180
gccgtcagac	ctgggtggct	accaacaccc	tgagcaaggc	ggccttcctg	ttgacagtgc	240
taagtgcg	tccagagcac	cacaacctgg	ccttccgagt	tggcatgttt	gccttgagc	300

<210> 1217
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1217						
ggaaggaagg	ggcaggaccc	tccgacgggg	cagcagtggg	ccagggtgtcc	cccctgcaca	60
gtgttttacac	cctgggacct	gccgcaaggc	atggctttca	gaagagcctc	cccccaagaa	120
atgctgcaga	caggacgggg	cttctagaga	ccttggtctc	tacccaggaa	ggctgatcta	180
ttcttcgact	gttgcacag	cttctcaac	ctctgcaggt	tcaggctgcg	agccctaggg	240
agcatcactc	aaagcacct	gttggccact	taggatcagg	agggcctcgg	ctcacccaag	300

<210> 1218
 <211> 290
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 1218						
gagaccaacc	tagctacat	ggtgaaaccc	cgtctctact	aaaaataagg	atattagccg	60
gttgtgttgg	cacgcacctg	tagtcccagc	tacttgggag	cctgangcan	nanaatecgt	120
tgaacctntg	aagtngaggt	tnatagagnc	nnaaccngc	nanngtactc	cagctttttn	180
gacattancn	agattncggn	tnanaaatna	aaannccncc	ctttaaatc	tgtttttttt	240
tnnctttnng	gtntttttt	tggagtanat	tttnntttt	gnttctatta		290

<210> 1219
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1219						
gcttttttggg	acagtagaaa	ttttcacatt	aatactgtaa	attctgtacc	atattttgac	60
acctgctaca	tctgattcaa	atgcgggaaa	aaataccatg	tgtgcataat	gaaaaatcat	120
tcatttttcc	ctttcttacc	ccagcaggaa	tagaaagcaa	ttccaagcca	ctctgcaa	180
gtatccaagg	ttagagattc	gggagctggc	caacatctta	caccccaaat	gactgaagca	240
tttcagtagg	ctgactggct	cgaaataaca	atttaagaaa	ggggggaaaa	aacctacagg	300

<210> 1220
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1220

tgtagagacg	aggttttgcc	atgtttccca	ggctgggtctc	gaacttctgg	gctcaagcaa	60
tcccccacc	ttgggtctccc	aaaatgctgg	cattataggt	gtgagttacc	actctgggcc	120
aggattagaa	ttcttggtct	cttaacctct	cgttcagttt	tttctctgct	gactcacatg	180
ccctccaaat	gaataccgaa	gttagatttt	gcatattaaa	ttgaaagaaa	gttaaaagcc	240
ttactacttt	ctacttcagt	gtagggngga	tatgcnaagg	nttcnagtc	caaatngann	300

<210> 1221

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1221

caaaagtaga	cttttctcct	cagcctccat	ataattatgc	tgtcacagct	tcctcaagaa	60
ttcacattta	tggccgatac	tcccaagaac	ctataaaaaac	cttttctcga	tttaaagaca	120
cagcactactg	tgctactttt	cgacaagatg	gtagattgct	tgtggctggc	agtgaagatg	180
gtggagttca	actttttgat	ataagtggga	gggctccct	caggcagttt	gaaggccata	240
caaaagcagt	tcatacagta	gatttttacag	ctgacaaaata	tcacgtggtc	tctggggctg	300

<210> 1222

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1222

agatttcagt	aaagctcgtt	cgttttgttt	ggttttcttt	ttacctagtt	gctatagtgg	60
ctacagtcta	tactcaatac	ctataaaatg	cagtaagcat	gtgttacaga	aagaggttct	120
gggtgggagag	aaagggtgct	gtgagacagg	agaattgtct	taagcatata	aaacatgtat	180
gattccagaa	tttttagtatg	ttttgtataa	aactattttt	cattacggag	actagaagtg	240
aacagagaat	tacacaagtg	tgactatata	aattgtaaaa	cagatactat	aatatttcct	300

<210> 1223

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1223

ctggcctctc	tgaagactaa	gggcctgggtg	ctgttttggt	tgtaaaactgt	gttccattaa	60
gtggtacctc	aaatgaaccg	gacactaaat	actcctccat	tattatagat	tctgcattgg	120
atgtcacaga	cattgatctg	tgggaaatac	tgtgtgctac	tcctgagaaa	accctatgag	180
aaattttaaa	cttttttgct	gacaactatt	tatgacttta	ttcaacaaaag	tgaaacaaca	240
tttggacgac	tgttgcctgt	tcttgaatgt	cattcatggt	cagccacaca	aaaacactgc	300

<210> 1224

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1224

tgcttgctcg	tttctgtgta	cttgcttagt	ggactgtagc	aacacactca	gcttctccag	60
tgtaacccca	gattggcttt	cccactctac	agtttctgta	ggatgcatgt	tttcaccatt	120
atcaggcttc	tgcagtgtc	agagggcagc	aatacccagc	aaccagtgc	ccgaggccag	180
caacttcttt	tacttcccc	tcagttggat	ttgtaacaga	gtatctttgg	tgggacactt	240
ctgtgtgaag	agattttact	agcaccctaa	agaatggatt	tctggcaagt	tccacaaggt	300

<210> 1225

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1225
 gctgctgggc ctggaagtc aggtggggcc actcgctaatt tctcatgtgt tgctccggcc 60
 cctccagctg caggtgggtg tggagtttga ggccagcaca aggatgcagg acaccagcgt 120
 ctcttcggg taccagctgg acctgccccaa ggccaacctc ctcttcaaag gtaaagggtct 180
 cggttccctt acgcgggaaa caggcaggag gtgactcaac tctgagtggg tgtgtggggcc 240
 accacaggtg ctggaggaca gtgtgctgcc acctgtggg cctccacatt accgggggaac 300

<210> 1226
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1226
 attctcccaa aaagggttcat cccgagaaca ctgaagaata atttttggga atgttaatga 60
 tgtgccacaa aaattagtat tttatgatca aatgaatttg ctttataata ttttatctaa 120
 atattcatgc tcttgaagac tcacaaaata aaggaaactt tatccagctt tttccagaat 180
 ttacttgcac atagactcca tttatatagc atgcctattg aactctgtaa atagtgcagt 240
 tcaggaaaga tagcagtgtg ggaaatgtca ctctaattgg catatacgtt tatcccatgg 300

<210> 1227
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1227
 gaatcttctt taaagtccag agtctcccg aacatggaga ctgtccttcc caagccttct 60
 cgcggggagg gaattccttc tttctgccgc ctgttacatc cctgtgtgag aaggctctgtg 120
 agctgagccc acatcactcg ttctgctgcc cagggtgtgct tccatcttca ctgtggaaaa 180
 gtcattttga actccccgga gactgcaaat taagtaatca aggacagatg ggactggggtt 240
 gaccattcca aggagtacag ttacttgaag aatctggaag caataccgag cacatttgtt 300

<210> 1228
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1228
 ctgaataaca acctaaactac taccctctcaa cctcaccccc accccaggaa aagtaagtct 60
 ttttctaacg atccaccaga ttaggggttac atttaacagt aactagaaaag gttaatttta 120
 accttaatca gaaagattaa tttctgtcct ttcagtcttc tttctgtgct cataaataag 180
 cattgtttct tttaatcaac ctgggcagta tctttctcat ttttaacagtt gtctagagct 240
 cagttgtccc agcattttatt tcaactggctc ctgatggatg gaggggtggtg ttgcttcagt 300

<210> 1229
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1229
 gtcagtcagg aaaacatgga gagagttttt attccagctt caaataagga atcacttagt 60
 aaagttcatt ctttctagta cctacattct ccaagtaatc tgctcttttc agtgccctgaa 120
 gtaaactctg gttaacagct gaggagtagt attactgcaa gtgttcgtca cttgttgcgt 180

tatacatctg tcagttttat caaggaaatg tggaaatggtg aatctgcttt acaatgagta 240
 tgcctagaac tcagaatctt atttttattta aaacattgat ctctgtttat tttattgaga 300

<210> 1230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1230
 gcttcatgag agactgacag ctatcagggg ttgtggcact tagtgaggac tctcctcccc 60
 cagtgtgtgc tgatgacaca tacacacctg acaatagctt gagtcttctc tgttcctttt 120
 actctgtagc caacatacac atgattttaa accctttcta aatatctatc atggttcatc 180
 cttgtccaat gcagagtcag agctatttgt acttcattac tattcgctt ggaaataata 240
 atgaagtaca aatagttggc tttctttttg caaaaataat taaagttttt gtatgttgca 300

<210> 1231
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1231
 ctccaggctc tggttcccat gcagcagctg tcagcgttca gacaaccctt cagaacgtgc 60
 ccagccggtc aggctgccc cacatgcact cccagctgga gcacgcccc agccagagga 120
 gcagctcccc tgtgggcctt gccaaatggt ttggctcaga tgtgctacag caaccctgc 180
 cctccatgcc cgccaaaagt atcagtgtag atgaattgga ataccgacag tgagcagggc 240
 aggcagactc aactaagccc ggacctgtgg tggcacactg ggcaggaccc tgcttcatct 300

<210> 1232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1232
 atcccttcaa gacaatgact tgtcttcata gctcatcagt gagttcacag tctattgttc 60
 ctttttattt ggccagtgtg aaatagcagt tattgcaaga acaaagggat taaagcatct 120
 gaagaccttt gtttgagtgc tgccacttta gtagtgatac atctcagaga tcaacctctt 180
 taatgcctgt ctttgttccc tggaaacagag tttgtgttct cttttgtgtt acaacagaa 240
 tctggtcatt cctaccatag cacttttgca cactatagat tgcaaccac agtattttac 300

<210> 1233
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1233
 aggtaatgag gacccctgct agcgaagcag tggcagaaat ggagaaaaga gttgggtgca 60
 gggaaatgtc gtgatgtaaa agtcaaagac ttgactgctg aaggaatgta gggaaatcagt 120
 gcccttgga tgtcaatggc ctggtctaca ttgagaatga agactgagaa agggcttctt 180
 gagggacaga gagctgcagg tgatcaagga cactcaatgg gtctctgagg gaaaagaaga 240
 ccaaagaatt agggagtagc tagcagaaaa tggaggcatg acactaaaca cagactgaaa 300

<210> 1234
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1234

aatgggggggt gttcttcata gtggatttct ttttttaaac ataccatctt tgtgtatata	60
catttctctg gaaatgtttg tgaaaaggta aagataactt ccttagtgta attgtgttga	120
agtggaatgt ttctagtgtt tgtgaagata tcaattgctg gctgatattt taagctggat	180
gaaaaatgtg ggtgaagtaa tcttaaagggt tgatagattt gatatgagaa atttaaagta	240
atgtgctcag tgcgtagtgg tgataaaaga atgtagccta cttgttttcc atagactata	300

<210> 1235

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1235

gggaagaggt ggttctatct gaggacagtg tgtgacttcc ctattgatgg gctccctgcc	60
atcagcacag atgggcatgt tgtgtgcccc caggcgacta tctgtgcac agatatggtt	120
gctgaagtea caattcactg atggaaaagt tgaaacagct ggctgtcctg aaacaggaga	180
tgtgccattg atagatctac tggatccaga gtgatttggc caaagttaat catttctttc	240
ctgacttgaa aaattgttca ttatgtatgt gaagttgect tagaatagag catcatctta	300

<210> 1236

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1236

tatcacagtt tgtaaacggg tgtttttgtc cttgttattg aagtatacaa ctctgcttag	60
ccaaacatac caagcaacag acagaagcgt cacttggaga gaagaagaaa ggggttaactg	120
gcagagctac tgtaaaagaa ggatagagga gggtaagttt gaaagtggcc atgggcaaga	180
attttctcca gatagctctt gattataatc tctctcacct ggattatttc ccattctctg	240
acagtttgtt ctcacataac tatcagcagt cctctcaaca cagaatcaga ccattgtctt	300

<210> 1237

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1237

tgaaaatact tatctataga aacagtgttg taaataagag agtctcagat tatcaaata	60
aacttattta aatccatgta actgaactaa taataccagc tgcagtttta tccctggctgt	120
aaggactacc atgatgggaa aaaataagag gaaaccttac cctccccac attcccat	180
gaccagcagc ataagggtc caggttacca cagtatccat catttgtctt atggccaccc	240
aagtacacct gtttacatga cttactgggc ctgtgtagaa attgcagttt gtgataggat	300

<210> 1238

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1238

cagttttgat gagcatgat aaggcagtat catttttctg cttgatacag tggccggaaa	60
gttcaggtct ggggtggcatc ctgagaaaagg gagcaaggca gtgtggtgat gccaggtgca	120
agaagtggg ggtgtccaga ggggaagtga atgctctgca aaaaagtcag agggcatctc	180
agaaaaataga gccacttttc ttgatttccc agaaatagtc actcactcaa agcccttgta	240
tgtgcagcag atttcactga tgctttaagg aggagtttat gctgcaaaaa agcaagctat	300

<210> 1239

<211> 230
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 1239
 ctcagattaa gggtttgaaa aacaaaccga aaaagatggg ccacataaag ccagacttga 60
 ttgacgttga cttaatcaga gggtnacat ttgccaaagc aaaacctgaa attccatgga 120
 catctctgac tcggaagggg cttgttcgag ttgtattttt tccattgttc agcaattggg 180
 ggattcaggt tacctcttta agaatctttg tttggctgtt actactttat 230

<210> 1240
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1240
 gaattgttag agaaggggat tctgattatt taacaacaga gaaaggcttc tgggttatct 60
 attagagatg aaaggattaa agagaaacta tagatcagct agtccttatg gagagaggaa 120
 tataaaggaa agagaaaaaa taggactgtg gcttagtttg ggctctgttg actgactata 180
 aaagtgagcc aatcacatag taattttctg acaaaataga gtttaggtta aggcttaggt 240
 caaggctgta ctttgtgtta atagtattat aatgagcaaa ttaatagaaa caagaaaaca 300

<210> 1241
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1241
 gggatttgaa tgcccatgaa agacatttta ttttacttga atatattctt gcttcacttt 60
 accctccata atatgttgta cattagtgtc gatcaagttt acagagttac attttgcttt 120
 cctaaccatt cagtcaggaa ttaaaatatg gcattgtata acaactggga agaagctcat 180
 agtggatata aattagagta gataatgggt caccttgata gcctctgttt acattacttg 240
 tatatgggca aaataattat tacctatacg tgtattttaag cttaattttc atataaacag 300

<210> 1242
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1242
 gctgggtgtg gtggcttatg cctgtaatcc aaacactttg ggaggccaag aaggaggat 60
 cacttgagcc caagaatttg agaccagcct gggtaactta gtgagaccct gtttctaaaa 120
 ataaatagac agatgataga tagtcagata gagagagaga gagagatgat atagatatag 180
 atagatagat agaatgttct ctacccaag ggtggagaaa gacttgagca aagacacaga 240
 ggccacatgg attaaaagga ggaggagaag ccctgtgttt gcagggatga atggcctatg 300

<210> 1243
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1243

cgggcgccgg	gggtaacgca	cagagagcca	gcccggcgcc	tatctgggcc	gtaccgtgct	60
ggtggctggt	gcaccggcct	gcgccatggc	caggcctttt	tctctagtca	ggaccgtccg	120
gatggggcct	tagggccccc	ccccgtctag	cctggcccg	cctgcgcgag	ccccgcaagc	180
tctgcaggct	ggctagcggg	cagaccccag	ccccacgtcc	tgctaccac	ctacgaagga	240
tccggggatg	ggcagcgcca	cccggcccg	tccagagtca	gcctgggtct	ccgtgaggcc	300

<210> 1244

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1244

cgccgcacag	ctgctgaatg	ccttgggact	agctgggtgat	tacctcgccc	agggcctgaa	60
gctcagccct	ggccaggctc	agaccttcc	gctgtgggga	gcaggggccc	tggtcgtcta	120
ctggtgctg	tctctgctcc	tggccttggt	cctggccttg	ctggggcgga	tctgtgggg	180
cctgaagctt	gtcatcttcc	tggccggctt	cgtggccctg	atgaggctcg	tgcccgaacc	240
ttccaccgg	gcctgctac	tcttggcctt	gctgatccct	tacgccctgc	tgagccggct	300

<210> 1245

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1245

aatcgggcac	gaggccagct	tgacctgggt	gtggccggtg	ggcgagatga	agctacactg	60
tgagggtggag	gtgatcagcc	ggcacttgcc	cgccttgggg	cttaggaacc	ggggcaaggg	120
cgtecgagcc	gtgttgagcc	tctgtcagca	gacttccagg	agtcagccgc	cggtccgagc	180
cttctgtctc	atctccaccc	tgaaggacaa	gcgcgggacc	cgctatgagg	tgcgtgaagt	240
gggcaggccc	tgtcagtctc	gcgttcttct	tgggaagccga	gacgcggggc	accctcggtc	300

<210> 1246

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1246

cagtcctctg	cataaagctg	agagatgcct	acagctgaga	gtgaagcaaa	agtaaaaacc	60
aaagttcgt	ttgaagaatt	gcttaagacc	cacagtgate	taatgcgtga	aaagaaaaaa	120
ctgaagaaaa	aacttgtcag	gtctgaagaa	aacatctcac	ctgacactat	tagaagcaat	180
cttcaactata	tgaaagaaac	tacaagtgat	gatcccgaca	ctattagaag	caatcttccc	240
catattaaag	aaactacaag	tgatgatgta	agtgtctgta	acactaaca	cctgaagaag	300

<210> 1247

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1247

ggccgttggg	cgagatgaag	ctacactgtg	aggtggaggt	gatcagccgg	cacttgcccc	60
ctttggggct	taggaaccgg	ggcaagggcg	tccgagccgt	gttgagcctc	tgtcagcaga	120
cttccaggag	tcagccgccc	gtccgagcct	tctgtctcat	ctccacctg	aaggacaagc	180
gcgggaccgg	ctatgagcta	agggagaaca	ttgagcaatt	cttcaccaa	tttgtagatg	240
aggggaaagc	cactgttcgg	ttaaaggagc	ctcctgtgga	tatctgtcta	agtaaggatt	300

<210> 1248

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1248
 aaggagtata gatgacatag gtcacctcat tcatgaaggc ctacagaaga acacttcctc 60
 gtgggtactg tataacatgg cttcatttta ctggagaatt aagaatgagc catatcaggt 120
 agtagaatgt gccatgacgag cacttcactt ctcttcagg cacaataaag acattgccct 180
 ggtcaacctg gcaaacgttc tacacagagc acacttcctt gctgatgctg ctgtcgtggt 240
 ccatgcagct ctggatgaca gtgacttctt caccagctat tacactttgg ggaatatata 300

<210> 1249
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1249
 atcacatctc tcaagtttta aaatggggtt tttgtgtgtt gttgatgggg gggagagggt 60
 ccagcagctt ttaaagtgtt tcacatcgtg tgttccaaaa ataactggtt agcctaagtc 120
 acttccaccc tccaatgttg tgaatgcagt ctctagcatt cgctatttaa tgtcttcttc 180
 ctgcactatt tgagaaatcg cgaggctcagc ttaataccgc agtcgccact tcgcggaccg 240
 gagggcggag tctgcttagt tctgaggact gcgtgggtcc gcgcagagag ctcttgctag 300

<210> 1250
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1250
 gagttcaact gcaacatccg ggcacctcca aagcagatgg tctggtgcag ccgtcctcgt 60
 agcaaggaga gggcgtggt ggtggcctgg gaaaggcggc tgatggtggt gggcgatgca 120
 cccgagagca tccagtttgt gctggatgag gactcctacc tggtgctga gctcgatggg 180
 gtccgcactt tctccgcag caccacagag ttcttgcag aggttccagc ggccagcgag 240
 gaaatcttca aaattgcctc aatggcccc ggggcgctgc tcttgagggc tcagaaggag 300

<210> 1251
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1251
 ggagcgtgga gacagggtag gggcagatgg ctctggactc tggacctaat cctgagggcc 60
 aatgaagggg gttaagcctg ggagtgcgca gatcagacgt gcttttttag caagatcatt 120
 ctggatctct gtggaaactg ccttgtggtg atgagagcaa accctgagac cactggggtc 180
 cctgagctga taagcaccaa ggcagtgggc cggagagagg agagatgttt aagaggtgtc 240
 ctgggttggg tgcggtggct cagcctgtg atcccagcac tttgggaggc cgaggcaggt 300

<210> 1252
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1252
 cttctgtgtg tgttccctca ccttccattt aagtttcage ctttatctat gtccttttgg 60
 gtgtctgcca tgctgatgat agagctcatc agtctttgat aaatactgtt aggtccttaa 120
 gtgattttct gtgaaatctt acgcatagga tttctgtggt cagggtttga cgtctgatct 180

tgttcgtcag	ctccccctgc	tcaagaatgc	aagtgcatta	cctctttaa	ttttaaagct	240
ggtaaactta	ataggaagtg	cttctttata	ttgcagggtg	taaacttaag	gagcccatta	300

<210> 1253
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1253						
gtcatgcccg	gctaattttt	gtatttttgt	agatacaggg	tttcaccatg	ttggccaggc	60
tggtcttgaa	ctcctgacct	caggtrata	cccgcctcgg	cctcccaaag	tgctgggatt	120
acaggcgtga	gccactgtga	cgggccttac	atgcaatttt	tatttatagc	cagtattaga	180
gaattactag	gaaatttcat	ttttatat	agtgggagaa	agccatctac	agcatgtctt	240
caagcatgga	ctatctgtaa	catacagtgt	gcttgctttt	gaattgtttt	agtgttaaat	300

<210> 1254
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1254						
aggagatagg	gacagagcat	cctaagattc	aggagagcat	tctagtcaca	gggagcagtg	60
aattcagagg	cccccaaggta	ggagggagtt	tggtctgtcc	aaggaaagca	agaaggtcag	120
tgcagctgag	gcagagtaag	taggaaggag	agaggtcagg	gctgagatca	gggaggtagt	180
ctgaggcccc	tctgtggggg	acctgataaa	tgtgtttgaa	ttcattttga	agtgtaatag	240
gtccatatta	gaagcagaaa	ctagaaaagg	agttaggctg	ataaacatag	ggatcataac	300

<210> 1255
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1255						
cctagtttatg	ctataatcaa	gcaggaaatg	tttatggaat	ggaaagatta	aggagggggg	60
tatgttctta	ttttagcaat	aaaacgaata	ccagaagctt	taacattcac	cagtacaaat	120
aaatagtttc	aatggaatag	gtcgaaagta	aagggaacatc	actagagtaa	atgctagacc	180
ttccctctcc	ttttattttt	agcaacagca	aagcagaaac	taagatctac	aagtgatcaa	240
agaggggtgat	ccattcagtt	tctgtgtaga	caggaataat	aataatacct	tttcatatt	300

<210> 1256
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1256						
gtttcttttt	ttcagagttt	tgctgctaag	aatatctcct	caacatttga	cttcattgtg	60
gccaataatg	gtctctgaat	tgattcagac	attcacacag	cttgaagaag	atctaaaaga	120
tgaagatgag	tcattgagaa	gcaccaacaa	agtaaacaga	acgaaagttt	cagtcccggg	180
tgcaaatgga	ccctcagtgg	gggagatacc	ccagagtgaa	ctcatcttgt	atttatcagc	240
ttgcaaattc	ttggacacag	cgttttcttt	tcacctgac	aagatgccat	tatttcaaat	300

<210> 1257
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1257

gctgtacgga	gagtgtctgga	ccgaggggag	ctgggagcag	gtactgcctc	catcctgagc	60
tgccgtcctt	tgaagggaga	acctggggta	gggttcgagg	agcctggcga	gaactgtgca	120
cctcctcggg	aggagcagcc	ccctcctgtg	ctgctttccc	cctcccttca	atatgtggg	180
gcggagaccc	tggcctccaa	agtgcattc	cgggacccca	aatcccagcg	gacgcaccag	240
gctcaggtgg	cgttccaggt	gtgtgtgcgc	cctgggtcct	acaccccggg	acccccttcc	300

<210> 1258

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1258

gagccaccat	gcctggccca	tcgtttcatt	tgatccttgc	aacacccctat	gagaatattt	60
agatagaacg	atttcacaga	taatccatag	tgatactcag	ctaacgggtg	gtactgccaa	120
gacttgaacc	caccattctt	gnaacttctt	tgatatctct	aattatgggt	taggtctgcc	180
agtttggtat	ggagcagaaa	agaagatgta	agctttcttg	aggtagtagc	tgctacaggc	240
atacantata	tnatctcang	caatagcaag	tccaagtagg	actgatacag	tatacacaaa	300

<210> 1259

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1259

cactacatga	agtcgggggt	ttggttaaaa	tatctgtctt	atttatgaaa	ggctgaaaag	60
agaaaagagc	tattcactac	ccgagactat	aagtttttagc	tgataaaaaac	acagcctcat	120
caatagctat	tgaatgaagc	cacttgctga	gtcagtaact	gaatgtctat	gtatgatatt	180
tccagtatca	tgattaaaaat	ggagccccga	aatgtcatta	taaggcctag	ttgtggactg	240
ggggcccaga	tggccaagtg	ggagcaactc	tgaaaccatt	aaataggagg	agagagagaa	300

<210> 1260

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1260

catagacaaa	ctacgtatca	agcactgtgc	cagacactga	gtacactatg	gtgaataata	60
aaagtctagg	ggctctcagcc	agtataattc	ataatccagt	gagagacaaa	aacatgtaca	120
caggctgtga	tgagtactgt	acattggcaa	atgtgccatg	ctactagggg	atggatgaga	180
tcacagttta	agcttgggaa	gaatgagtga	gacttggcaa	agaagggggg	acaagaatat	240
tatcataaga	gtgaagaaaag	ttggggggacc	tcaagtgtaa	gagaagagaa	gaacttgctg	300

<210> 1261

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1261

atgactacca	ttatttttct	tccttctatt	ggtttaaaat	atacttatct	cttccactgt	60
atgttctgtg	gttttattgc	atgggaaaag	gtaataagtg	tcatcaataa	cagccatctt	120

aacatgctgc	aggaactgtc	aagtaacagt	gattattgta	aaaaacgagc	tttctaattt	180
ccttgctcgt	tacagagtaa	tctaagtga	aatttccaac	gtcctatcct	tacaaagaaa	240
caaatacatt	tattttttcc	tctaattggaa	gaacttatgt	acatgattcc	tacttgatgg	300

<210> 1262

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1262

cccacacctg	ccatattgaa	cgttttctgc	actaatcttc	tccacgggca	cggagtggag	60
ggaacgtctt	gggaaagggg	agagcttgac	ctccatctag	gtttctttta	tctggagaaa	120
aagaacactt	ttgaactatg	taatgcttcg	ccctgaaagg	caagctaacg	ctaacttccc	180
aggtgacagt	agcaggaaca	aggaagggtg	atgtttccat	gacagacact	tgcttccctt	240
gggacaagtc	ccagaagaac	tacctgaagc	accaaagctc	cccaccccag	cctgggtggca	300

<210> 1263

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1263

acttttttaa	cgaatggggg	aagggatcta	tgagaaaggt	ggtatctaata	ttttttatgg	60
accataaagg	tttaaaagaa	aataggggca	caggctgttg	aggtttttat	gttggtatag	120
acctttttta	attatgttag	agatgtatat	aggtatttaa	aggtcactgg	gagcgtttct	180
gattcccggc	cacactttgc	atttcaacac	tcagcccggg	aagatgctcg	ttcgggtgtt	240
ggacctcttt	cactccctgc	gtgtaagaag	gtgaatcacg	tgggaaaaag	tgatccctag	300

<210> 1264

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (298)

<223> n = A,T,C or G

<400> 1264

ttggaaatgn	ttctagctcc	ggacattnga	catgaaagaa	atgtgatttt	gcagtgtggt	60
cggtacatca	tcaaaaaaga	cttttttgga	ctggatacta	attctgcgaa	aagtaaagat	120
gtataggcat	ctggtgtttc	agcatacata	actgaagcat	gtgaaacagt	atcatcctcg	180
ttagtagagg	aaaaccaaaa	cccttctttc	cgtcaaaatt	ggatttgtaa	ttaaattgta	240
agcctcgtag	gatgtatggt	ggagatttta	agtctttcct	tcggttctat	gcaaaaaa	298

<210> 1265

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1265

tcttggtgtc	aaacactata	aacctttgac	cagctgagct	gtgactgctg	tcacatatct	60
gagtccgtgt	tgacagtaa	tatcctgggt	caggtaaaat	ccaggctctc	aagttttaag	120
gattttttga	agaattcggg	cttctttaag	acgatccatg	cccaaatcca	caagcttggt	180
gacagtggat	tacagtttgt	gtggcaaaagt	ccaagttggt	acactgtgct	ttaaaaaaaa	240
tcttatctgc	atgtattggt	aacttagaga	ccatgagatc	tatttatcag	gaccaggaag	300

<210> 1266
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1266
 ttttagtaga gccaccacac ccaggatctt tcttttttaa gaaagattct tctgttggag 60
 cttgtgagct gaaggacttc aggaaaaccc acggaatccc ctcaaattgt atacagattt 120
 ttgtgatgtt tgtgtctcac gtgtccgtgt gaagagacca ccaaacaggc tttgtgtgac 180
 agggcaaggg tagaaatcat gttccagaac tcagtgaagag ttgtaggcat gaaagaggag 240
 ccttctcaac aggagctgtg gccaaacaag aaacaaggca ggtaagaagt ttgatagctg 300

<210> 1267
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1267
 cagcatccac atgacaggcg gcgccgaagg gatcctgccc ctgagctttc atgagctgtt 60
 gaaccatctg gaattcacag gcctgtcatg agagacacga tgagaagtcc ttaaaggtag 120
 atcactgatt cacaggggag caggcggagg caagggtgag tcagtgttg gaactcagtc 180
 atccagattt ggctctggaa acttctgaag ctgtagcctt tggggatccc tgactgcgag 240
 tacaggaagc caacgctatg tggctctctg gaaactcatt atctttttca ctggtgctat 300

<210> 1268
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1268
 cagcggcgag gtctgcggga ggcattggcg gagctccgga cgagcgccgg cggggccccc 60
 cggcagggga gcagctgcag cagcaacacg tctcttgcca ggtcttcccc gagcgtctgg 120
 cccaggggaa tccccagcaa gggttcttct ccagcttctt caccagcaac cagaagtgcc 180
 agcttaggct cctgaagacg ctggagacaa atccatatgt caaacttctg cttgatgcta 240
 tgaaacactc aggttgtgct gttaacaaag atagacactt ttcttgcgaa gactgtaatg 300

<210> 1269
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1269
 gagggcaggt ggatcacgag gtcaggagat cgagaccatg gtgaaacccc gtctctacta 60
 naaatacaga aattagccgg gcatgggtgc gcgtgectgt agtcccagct cctcaggctg 120
 ctgaggcagg cgaattgctt gaacctggga ggcagaagtt gtggtgagcc gagattgtgc 180
 actccagcct gggtaacaga gcgagactcc atctcaaaaa aaaaacaaac caaaaccaag 240
 ttcccactgg tgatgcctgt ctgacacggt ttggtattta gtaggaaatg aagtgtttcg 300

<210> 1270
 <211> 300
 <212> DNA

<213> Homo sapiens

<400> 1270

ccgactactt	gtgcagtttg	ccctgctgag	ccctcctcgc	cccgggaggc	agaaggggag	60
gggtcctcag	caatatgctg	agcacctcct	aaacaacatc	acctgaaaaa	ggaacctaga	120
ggagagccat	tctcaaactc	gaccttgagc	tgagctcgag	agctgggttg	agagctgggt	180
tgatcaaagt	tgggattttg	ctattattgt	gacaaagggt	ccagccttgc	agtcagatc	240
ctgaaaggcc	tgggacaagg	ccaggtaatt	tggggagtcc	gtcctgcatt	gtgcaggatg	300

<210> 1271

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1271

cttgteccca	tggtcagagg	agacccagct	gtcctgcacc	cccttgacga	tgagtatcac	60
cccatctttt	ctttccactt	gtttttttatt	tttatTTTTT	tttgagacag	agtctcactg	120
tcacccaggc	tgaactgcag	tgggtgtgatc	taggctcact	gcaacctcca	cctcccaggt	180
tcaagcaatt	atcctgcctc	aggctcccaa	gtagctggga	ttacaggcat	gtgcaactca	240
cccagctaatt	tttgaatttt	tagtagagac	agggtttcac	catgttggcc	aggctggtct	300

<210> 1272

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1272

aacatctcct	cttgctattc	ctaggacata	gacgggttagg	gaaactctca	tctttccttc	60
accacctcat	gagtcataaa	acaatgataa	acccagggaa	gcttgctgaa	gagcactctc	120
catttggtat	ttgctctttg	tctaggaaaa	tcagactcag	ctgtgaattg	tggaccaagt	180
ggtgcagaac	tcattacttt	gaacaatgcc	tcctcgccct	gggaagcatg	ttctctcttc	240
tcactagcag	gggcttattc	caggctggct	ttggtcacia	ggaaaatcat	ttagacacag	300

<210> 1273

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1273

ggaacctttc	aatcacttta	actagtcact	taaggactct	aggcccagaa	gcctggtttc	60
tgggtgaatg	ttttatata	tactcaact	tcctcgtcc	taaaaggaca	cctaattttg	120
ttactattga	aaatttttat	tttgggtggc	agaatacgaa	atcgggagag	gtaacccaaa	180
cagttgtctt	aggaaaaggc	agattctcag	aggcaatggg	ctatcaacaa	aataggtgct	240
aagcacattt	gtttgtaatg	atcattcata	taatttagaa	gatttatggt	aacagtttat	300

<210> 1274

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1274

ctgggagcga	gacggtggcc	cggcccagcc	ccatgggcca	caccggctgg	tgagacgaga	60
ggatggggca	gcaggggacc	gggacctgcg	ggcagctgtg	gtgatcagga	cgctgaggag	120
ccaggaggcc	tgctggagg	cggtgctacg	tcgactacag	ggacagtgtc	ggcagggaact	180
ggccaggctg	gtggggagcc	gccctgggtc	catctggatc	ccgccacctg	gacgctgagg	240
gcctgtcgac	gggccctcgt	gtgggaagcc	tgccctggcc	cagcctgggt	gggtcttggg	300

<210> 1275
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1275
 actgtggaga gatctcagtt tttctatctg taattgctca tattttgaat gctaagtttt 60
 catcaaccat aatttttacg tgctctaata tgttcttca cagattcatg ccatgttcag 120
 tttaaaagag tctgtttctt ttaatacatt atctttgaaa tgctcttac tgaggaatga 180
 ctaaacttct tctgaaatgt gctctctgga ttgaagtcaa gagtacatgt tgcaacaaag 240
 ataatcatga ctttttagtat taagagacaa ttaccagatt gagtgtctact tagaaaagtt 300

<210> 1276
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1276
 aaatgctgaa tattggtaac aagcaacagg ggaaacaagg cagtctgagc acacagaact 60
 caagtctccc taatgggatc ccagaatgcc catggaggaa gcagcatgtg cactgtgctg 120
 agtgtctgagc aggatattcaa gagagcaaag gcagagatgc tggacagggc agcacaggag 180
 gacgagtgtg catggctact ctgagcaggg ctgggttctg ggctgggttg agcacagcat 240
 ggggaactga aaggcagaca ctggccaaga aagtccttgt gcagggcttc agaagtgagc 300

<210> 1277
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1277
 gttactttct ttctcacaca aaggaaaaaa gagactatct ttaggaaaca ctgctttaa 60
 tcatcttctc tgaatattaa ttctctgttg ctctctccaa aaatggagaa aataatccct 120
 accctcatag gcttattata aggtcgaatt atgataatgg tgtgaaaact ttgaaaatta 180
 gacttcagag aaattgagtt aatctgggat tatttatcaa tgtcttagta accaaaagtt 240
 taaaatgtgt tttgtctacc aactgggtgc atgtacatgg ttaatccaa aggtcagct 300

<210> 1278
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1278
 agacaacggg aggggtcagg tgtagtgagc aggagatgac catcctcaac ctgccaggc 60
 caaatctcaa cccaaacaac aattgttatt tttgtacatt ccttccaga cccatttgc 120
 gagctctact gcattgccta tttgcaaate ctagtagcac aagaggacaa ccacaaacaa 180
 cctgacattc gaagtcacac aagcgcaagt ttttccatc atgcctagtt ggcaatcatc 240
 ggctgagcag taaatcagaa ttttgtcccg aatgttactc acctgttagt cgcagccctc 300

<210> 1279
 <211> 280
 <212> DNA
 <213> Homo sapiens

<400> 1279
 gaggagttaa attttgaagc tctttgagaa aggtaccttt tcttaacatg ttttataaat 60
 aaaaatacaa tggcttattt aaaatgtccc tatgcatggg gaaatgttaa ataccaagt 120

gatgaatggg	tctcaaatat	attgtaatgg	agaattatcc	acatgcatct	attgtttaaa	180
ctaataagta	aaatagactt	cccttttctg	ttctgtttta	aatgtgcact	aaaattacct	240
gcttgtgggt	aagcatgggc	tggacagttt	attgattttt			280

<210> 1280
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1280						
ccttgaattc	ctgggcccac	gcaattctcc	cacctcagcc	tcttgagtag	ctgggactac	60
aagtgtgcac	caccatgcct	ggctaatttt	ttgaattttt	gtagtgatgg	gatctcgctc	120
tgttgcccag	ggtgggtctc	aactcctggc	ctcaagcgat	cctcccacct	cgacctccca	180
aagtgtctgg	attacaggtg	tgagccacct	cgcctggggc	cccttctcca	tatgcctcca	240
aaaacatgtc	cctggagagt	agcctgctcc	cacactgtca	ctggatgtca	tggggacaat	300

<210> 1281
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1281						
cagtggcact	tgggacttct	atggcagctc	tgtttgtgaa	ccagatgatg	aaagtggcta	60
tgatgtttta	gccaaccccc	caggaccaga	agaccaggat	gatgatgacg	atgcctatag	120
cgatgtgttt	gaatttgaat	tttcagagac	ccccctctta	ccgtgttata	acatccaagt	180
atctgtggct	cagggggccac	gaaactggct	actgctttcg	gatgtcctta	agaaattgaa	240
aatgtcctcc	cgcatatttc	gctgcaattt	tccaaacgtg	gaaattgtca	ccattgcaga	300

<210> 1282
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1282						
acacagccct	gggcaggaag	ggaggcagga	agagagatcc	tcaggggctg	ggctggagga	60
gcaaagccag	ccaaagggga	gtgagagggc	agtcaagcgc	ctagaagcca	aggaacccca	120
ggaggatggc	atcggggcag	tgccctcctg	tgcccagaga	caaaaagatg	tgtgggaagg	180
tgacagaatc	aagcggttaag	gtcagtgcct	tgagggagca	ggcaaccacc	agcctccagt	240
gacacttgcc	tttcacaggg	atcctggagg	tccccatttg	ggaaggtgga	aaatctcagt	300

<210> 1283
 <211> 296
 <212> DNA
 <213> Homo sapiens

<400> 1283						
gtctgctgat	aaaatattta	accccaagaa	agtgaaaact	aatataaaaat	tagaaagacc	60
tatccaaatt	agacagtcaa	ttccattaaa	ataagaagtg	agaaaaacaa	tgttgggcat	120
tgagggtgta	attttgccca	gatgtatacc	cagtgtgaaa	tatcttctaa	taaaaatata	180
tttggtcttt	atccctgcac	atgtagaggg	ataaaaattg	gtaaacatgt	cccgtctgtg	240
agaactttta	aaaaaaggca	tttttgaaaag	tgttgagtgg	cactgataaa	ctgggtg	296

<210> 1284
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1284

cgtctacatc	caggcctccg	agtgacggac	ctgaggtgtc	tgtttcctgg	gcaggcctga	60
tgctcctgtt	tgggtccagg	gccccctggg	gcagaccggt	gacccctacc	agtgggaagcg	120
agccatcgag	ccattggcag	aaatcctgct	gaatgtcatt	cagaaacctc	agcccatggt	180
cgccctcctg	tgccctctc	ctgccggaaa	gccttgcaac	attctagggt	tgggggcagg	240
gccatccacg	gtttctgggc	agagccatgg	tggcaggaga	gagatggctg	aagcctgagc	300

<210> 1285

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1285

atcaccttgg	agctccttga	gtgagttctg	atcaagccat	tacactcttt	tcattgtagac	60
ctgcctgtaa	gtgtagacat	gcacactcag	ctgaccttac	tggtcaaaag	ctggagaaaa	120
agaaacagct	ttcatacagt	gcaaactgtc	tacgtctatg	taaaagaatt	tgagaaacat	180
ggcagtagcc	attgctaatt	aatctgggta	tgtgtaaata	gtttaacttg	atttttgact	240
ctggtgtttg	gatctatttt	aagatcgatg	gagttaattg	cttcattgaca	gttcttatga	300

<210> 1286

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1286

cggacccatc	ggagcgtaac	ctggatctcc	gcaggcctgg	cggaggccgg	ccacctggag	60
gggcattgct	tggttcgct	ggtagcagag	gagcttgaga	atgttcgcat	cttaccacat	120
acagttcttt	acatggctga	ttcagaaact	ttcattagtc	tggagagtg	tcgtggccat	180
aagagagcaa	ggaaaagaa	tagtatggaa	acagcacttg	cccttgagaa	gctattcccc	240
aaacaatgcc	aagtccttgg	gattgtgacc	ccaggaattg	tagtgactcc	aatgggatca	300

<210> 1287

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1287

ggccatttcc	ccagcaatta	cttagataat	aggggggactg	ggttgggtgg	gaggaggtgt	60
tcattctctc	taaaccatcc	tgccctgaac	cgccattcct	tcttccatct	ccagagctgg	120
gctccggatg	gggaaggaaa	aggtctggtt	gcctaaccac	ctccttcctc	atccaaccct	180
gaaacccccca	ggatgtggaa	gaaaaacagg	tagcattttg	ctttcataat	gcaaagacct	240
aaagatgcat	ctgtgtttgt	caggcatgta	tgcatgtgtg	cctgggtgtg	cacatgtgcg	300

<210> 1288

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1288

aacatgaggg	ccctctatgc	cagaagtga	ttcatctcac	aaaacatggt	gactctagac	60
tggtgcctcc	tccagctact	actacccccca	ttagtcacct	agtaaaaaat	gacgacattt	120
catcacctgc	acatgaaccg	ctttcccccc	atttcttaat	catgaatttc	tgtgtcttaa	180
attattaatg	gctaagacta	ggtctggcag	ttaatttctc	tctcctggat	ttttggccca	240
actcgagtat	ttttgaaaaa	ccgacacagt	atttttagggg	agccccaaaa	ccatgatggg	300

<210> 1289

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1289
 atggaatgtg cgttccaccc cctgttcagt ctcaccagtg gggcctgccg gctggattac 60
 cgcagaccgg agaacaggag cttctacctg gccctctaca agcagatgag cttcctggag 120
 aagcgagggt gcccgcgac ggcgctggag tactgcaagc tcaccttgag tctcgagccg 180
 gatgaggacc cctctgcgt gctgctgctc atcgaccacc tggccttgcg ggcccggaac 240
 tacgagtacc tgatccgct cttccaggag tgggagggtc atcggaacct gtcccagctc 300

<210> 1290
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1290
 ctgggtcagg tttgactcag gaagctgagt tccagcttgt ttccttggca gcaactgcca 60
 agagttagac caagctgcag cttttgagg gaaaggggat ggaagaaagt actgttactt 120
 tccacttag aatttttgga ctttgttctt aatgaatagg ttcattttca atttcaaagc 180
 aaagtgttaa catttttgaa atttgtctca attctaaagg ccaaacttaa atatgtctcc 240
 tctactggg gcatggagca agttattcat caaatacaga ttctcgcatg gaaaagaaag 300

<210> 1291
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1291
 gttttataca ttttatgttc tttgcaaaac tggagcccca gaaagaatac aaagtgaagt 60
 tctgttccca cttctcccag aatagcctag gatgggcaac catgtaaaat tcaataaaaa 120
 tccaaccttc taactaactc gtggtgttgg agagtattaa gcatttgaaa agttcaggta 180
 gaattttcat cctttttgag ctctttccta gctgctttgc tgtgatatat ctgtcactcc 240
 agatgagggg gtagtggtgg aaaaggaatg cattctcaga ttcattgttg gtagttcaaa 300

<210> 1292
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1292
 aggtaggcac ctggcatgtc agttgcctga atttgaaagt tttcacctgt atgttttggt 60
 acgataaaaa taaaaatgta atttatatat ctgaatcagg tctgtatgtt atgatcaatt 120
 gctcagcaat ttcgggcagt tggtttgatg gttatgtagt aatgtagcct gagagcagaa 180
 atacagagcc tctgggctag agaaagtata aatggcatcc taggctatgt agggttacag 240
 ctcttcagaa ggaactttca ttttcattgt gacacatcgt ctacatgttg tagaagaaca 300

<210> 1293
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1293
 gttgtaccaa taaagttttg aacctacagc aatagccagt caataaagga aatgatgctg 60
 atgtagcatt tatgagcctt aaaaaacaaa caaaaaacct taagatgtta aattttattcc 120
 aaggattctt tttttttgtt gtacatgaat gttcatatca ggtttatttg taatagccaa 180

aacagtatac	acctgaatgc	ccaccaacaa	gtgactagat	aagcaaagta	cggtacatgg	240
atatgatgga	ctacctcaga	gcaataaaaa	agaatggact	attgatacat	gctacaacat	300

<210> 1294

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1294

gtttccttct	gttgctcctgt	gcattataat	atacaaaaata	acttatttttg	atgatcagag	60
gtcttgaggt	cttgacctct	tgacatatac	actgaaaaaa	atggggggttg	tatgtatgtg	120
tgctctaccc	aaacctgtgg	ccgccacttt	tgaattctca	gattgccctg	aattttgcca	180
cttttaaata	atgtgctgaa	taagctcagc	aactaaaaac	cattacccaa	gaacgtttct	240
tgtgagtgag	ctgatttatt	ctgattcatt	atattccttt	tggtagattt	tatacccctt	300

<210> 1295

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1295

acggagttga	gttgctaact	tttttccttt	tcctcagttt	ccagatgagt	ttagcagtaa	60
agatgctttt	cccaggcaca	aattgggaat	ggaaatcacc	tagttccgtt	ccctctgaca	120
gctgtaatcc	agagagctaa	gctgcttact	tcattagctt	ggtataagct	gacgacagca	180
gtgcccttgc	tttatatttg	tcagagctag	gaaataagcc	ttcttttttt	ctgctgtaat	240
catagttacc	cttgaactga	aatatcttac	atttattctc	aagcaggtag	ggagaggaga	300

<210> 1296

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1296

ggttcataaa	cacatggcta	acaaagtaaa	gccttcaagt	ctggcacaga	ctcttgacta	60
cacgatggga	aaagggattc	caattacgat	ttaacttgta	ttttaagat	gagaaaagaa	120
atgaataaga	aaatttggtg	ctatttttct	tcttccaaat	tagaatctat	atctctaaaa	180
atactttgca	tgtttagtaa	acatccatct	tgaacagaag	ataccttgac	atcagttcta	240
tttaatactt	atggcaatta	agagatttag	aaagcagagg	aaaagacca	aaaaaagtat	300

<210> 1297

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 1297

gagacatggc	tgtctcaaga	ctgttttggt	tcccttcctg	gtggaatttt	gcacttttat	60
gtcctgtgta	gcagcaggta	gtgtggcttt	gagaaaaata	aatggccacc	ttgctccgct	120
gttcttttct	tgtaaaaaaa	aaaaancggc	nnaacaatnt	tggcctttnt	agctnggnna	180
ccccnggcgc	gncaatccct	netnetctcn	aagcctcggn	ttcctccctt	gaaaagtaaa	240
gaaaataact	cctaaactgc	ctcccnaggc	ttgctggcag	gatccaagg		289

<210> 1298
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1298
 ttttcttgca gttactatgc tgtccttccct atcactacct gttggctgag gtagtgatag 60
 gcctaaatga ttcattatct taaatgtact aaatatgttg agtaattttt tcttctaaac 120
 taacagaaaag agagaacctt ggagttactc ccttaggctg gttaaagtga aaggtagcca 180
 agtcaaccca gcttggtttcc ttctctcatt aggaaagaac tattgttcat tctcataaca 240
 cactttttcc aattgcaaac atactcaggg ttaaaatagt ttagcacaaa ttgcagccca 300

<210> 1299
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1299
 gctgcttccct caagaaaatg aagaggggaag gatggctcag ggaaagtaaa tcagagggaa 60
 aatgtcactc tgtaaagagt aaaaaattta ggatgatgat acgatctggg aaaaaaaggc 120
 atattgaaga ccacttaaaa acaaacacaaa aaacctatga aggtgcatgc tatttcccca 180
 gagctaaaaa gataagtga attgtgtttg aactcttaag tggaggtgaa gcagaattta 240
 ttagccacca accacataag tgattatgaa gtaactgaga aacaggtaac attttttccc 300

<210> 1300
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1300
 cttgggggtga gtctcatctt caccctttca ccaactgtcc tggttaacaat ctcccttcca 60
 tttccttggt cttacagcat accccataga atcaagcctc gttattgcca gggctgaact 120
 gacttttttg tttttgtttt tgttttaagc agtaccattg tgcaccttgg gaaaattcct 180
 gtgttgatct aattttacca tattcttcac tccactgacc actccaatta ggatactcct 240
 ggcactcttg gtttttagaga ggcttagata tgtggctatt tatecttttg tcttcagcac 300

<210> 1301
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1301
 aggaagctgg ttgagaagaa gaaggaaaaa gtcgattcta ctgactgacg tttccccctg 60
 ctgttaagaa tcccaaccac acactttcac acactattcc aggttctggc tactgaatga 120
 tcccacagct gaggtctatt gtcacgctc cacttctatt tttagcagca ctaaaaacat 180
 tcccaaaaaa aatgtttttt agctttttta ctgcgattca ccactaagaa attggcattg 240
 gaacagtcca cagagcttat tcaaatttca cccattttac atgcactcat ttgtgttgca 300

<210> 1302
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1302
 ggtacacgaa gaggtgataa tgacagccac caaggagatt tggagcccat tttagaggca 60
 tctgttctat cttcccatca taaaaaaagc tctgaggaac atgaatacag tgatgaagct 120

```

cctcaggaag atgagggcct tatgggcatg tccccctctct tacaagccca tcatgctatg      180
gaaaaaatgg aagaatttgt ttgtaaggta tgggaaggtc ggtggcgagt gatccctcat      240
gatgtactac cagactggct caaggataat gacttctctct tgcattggaca ccggcctcct      300

```

```

<210> 1303
<211> 299
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

```

```

<400> 1303
gtgctgtctt tcctgagccg ctacagtaaa agtgaagaca tggaaaatta tcccagatgg      60
gacgaatcgc tcattctctg ttcttttttt aaaaagaaaa gatttcagaa aaaaaaaaag      120
tcgtcttttt ctttaaaaca gtatgaataa aatctggaca gctgtcgaaa aagatatgcc      180
gtctgcattt ttttttaatt tctagccacc accataacta aatagcttga atagaacctc      240
ttttcttttt tttcccttc atacataang atctctactt cnttaaaagc gtattaatc      299

```

```

<210> 1304
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1304
gattcatttt tgtactagtt aatatcaact ctttctcaga agtagtcaaa atataaatag      60
gaagttcttc aaaagtaacc caggagcaac agctgagcag tgccagagtt gtgaggtaaa      120
catcaatcat ttcacaaatg ttctgacttg ttgagcagtg ttcatttcca ggtttcaaac      180
ttaaagtatc tattaagcaa tcttaaaaga aagaacaccg ccttaggaaa aaagagattt      240
gccaaactct tcatacttcc ttcaataact gcttagcaaa cactcttgag tgtcttctat      300

```

```

<210> 1305
<211> 298
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(298)
<223> n = A,T,C or G

```

```

<400> 1305
ttgctctatg tgatgtttat tatcaaatac atataatttt gaagatttta atgaatggct      60
taagatttta tctttgtgta gaatgtggct aaagaaacct tagttgagat tcaagaagtt      120
ggtgtctgtt tctgattctt atcacaactt gctacttagt gtctaccaag tctccacct      180
ctttgtcctt caaagagctg tgaacactga tggcaggagc cggcaccacn ccacnnactt      240
agagancnnc ncanagctgc catacnggcg atcnctgacn tcanacttcc ccttctaa      298

```

```

<210> 1306
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1306

```

gcttctcggt	ccccaggggg	ccgcttgggc	tgttggtctc	cagagcaggg	ccactgggca	60
ctctgtgatg	ggggagcctt	tgtctgaaag	cacagccccc	tgcaccttc	tctccccatg	120
gcttccccct	cattggcatt	aatctgggca	ccagctctct	ccatagcagt	gacttccctc	180
accactctca	tctctcagcc	ttgccttttc	ttcctgacac	tgtcgccccc	tctctcagg	240
agacactgcc	gagggccacc	tggcagaagg	ctgagttagg	cagcagggcc	gggagcgtct	300

<210> 1307

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1307

gtttgttttt	cctgagacaa	gaaaatcgca	ttcttggtta	tatttgaaga	tagcaacttt	60
tagccatcat	gtgaaatatt	gttattgttt	ctgtacacct	ggaacgttgt	agtgcctgat	120
actgagattt	tggaaacact	gaagaattat	agcattataa	gaattttaaa	tttatgagaa	180
aatctgagac	aggggcagag	atggctgatt	ttgatcttgc	tggatcttag	accatgagaa	240
tgacaggcct	gaagccctga	aatctcacct	caggggtggag	tgtcagactt	ggcaactttg	300

<210> 1308

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1308

gcattttaaa	tttttgtcag	tgtccttcat	gtctcagctc	ctgtcttcca	ataattttct	60
gaaaaaggta	atgtgttctt	taaatgtgtt	tataaaaagg	tattctgctg	tctccaagga	120
actgtttctc	accagtagaa	gtagcttggt	aaatggctca	tgaaaatggg	aggcacgcct	180
ttaaagataa	tagaacaaga	aagtacgttt	caccatgaaa	agccgttcgt	catgatctac	240
tgagatggaa	cataatgtaa	actctgtgac	tcagtgggtt	cattcttaag	tgttgtgtac	300

<210> 1309

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1309

ttttgacatt	gttacaagta	agcagcttta	ttggttcttt	tacttacgtc	tttaaataa	60
tggagcaaca	gtacggtcag	tctgcatctc	atgctaactt	tttgttggga	atcataacca	120
ttcctacggt	tgcaactgga	atgttttttag	gaggatttat	cattaaaaaa	ttcaaattgt	180
ctttagttag	aattgccaaa	ttttcatttc	ttacttcgat	gatatacttc	ttgtttcaac	240
ttctatattt	ccctctaate	tgcgaaagca	aatcagttgc	cggcctaacc	ttgacctatg	300

<210> 1310

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1310

ggacaagtcc	aagaaactgg	cggagcaggc	tgcagccatc	gtctgtctgc	ggagccaggg	60
cctccctgag	ggtcggtctg	gtgaggagag	cccttccttg	cacaagcgaa	agagggaggg	120
tcttgaccaa	gacctggggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccttggaag	gctgggtgact	240
actcttcctg	ccttagtcac	ccctccatgg	gctgggtgct	aaggtggctg	tggatgccac	300

<210> 1311

<211> 300

<212> DNA
<213> Homo sapiens

<400> 1311
cctgaacctg cccatggaga cagttgtggt gagggttgcc acacacagtg agggcggagc 60
aggggtggctg agggcacagg tgccctgggtc tgtcccacgg ggcagggctt tggggctgtg 120
atgctctggg aagccagctt gggctcctggg tctacagagg gccctggccc cggagcccag 180
ccagctctgc ctctctcagg gcctggagtc ctggggggagc tcagccagct ctgcctttct 240
cagggcctgg agtccctggat gaatcctgca gggtttttggt tgcaccggcc cagggaggaa 300

<210> 1312
<211> 132
<212> DNA
<213> Homo sapiens

<400> 1312
gatcagtgaa aaacattagt atacgttttt aaataggcta atttttcaac ttggatcatt 60
aggcttacgt actacttggt tcaaagtgtg caaatacaaa aatggtaact aggttgacag 120
atactttgta tt 132

<210> 1313
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1313
aatgaagggtt ggggagaaaa gaaagcaatt taggagactc tatagggagg aaaggatgag 60
atgcatttca gaaacaaaat attaacgtaa acagaaaaaa gagaaagcaa tcatgacaaa 120
gcctaagagg gctagtggaa tgctagaatg aactcattta ccttcctttg atatttaggg 180
gctctattgc ctgctaattt catcactggt atttttctta cctcttatct tttccctgt 240
agttattatc agcctaatat tcattcattc attcatttac ctgagttttc aggcttgtgc 300

<210> 1314
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1314
gtgatatgaa aagcgaatgc accattttctt ggtgatgatt caggtcagcg ttgggaccca 60
ggaatctcct gttaatcagt accctgggtga ttttgatcca ggtcatcaag accatggctt 120
ccatcgtagg cagtcacact ctttctctct tggatcattt gctgtgggga agcaaactgt 180
catatgagag gacactcaaa cagcctctgg agtctcattt gctaagggaac tgaggactcc 240
agcctgagaa ctcaggcaag taactgaggc ctgccaacaa ccatggagaa agcctggaag 300

<210> 1315
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1315
gctaagggtta aatagtatgt attcctttct tacagttttt actctaagat agctatttcc 60
tcagtgttaa ctcattaaat tacttgataa gaaccagctt tatattgtaa gatgtgtaag 120
cagtgggagc aatgggtggaa atagcctttc tattttattt acccaagtct gtgtactcct 180
catccttacc agggccccta actgatcttt ccactaaatt atgtgtgtca cagcgaaatt 240
aaaattactc ttccaaagtg caactctaatt catggcactt aagggaattt cctttactta 300

<210> 1316
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1316
 ggtagcacag geetgccctt gcacccatgc tgtacagtgc ggttactaga cttgtggccg 60
 ttgttggtgt gtctttctcat tagcatgcaa tattcacttg actgaattcc ttttttagcta 120
 agagaaatat tacagggcat gatcatttta gggtattaag gtgtctaaact caatatgtaa 180
 actgctgaaa agaattatat gtttttatca gataatctca acatttcaaa agacaacaca 240
 ttcagactac tcccctttcc ccccaacttt tatctagtgt ctgaaaccac atgactagtg 300

<210> 1317
 <211> 55
 <212> DNA
 <213> Homo sapiens

<400> 1317
 gcacccctgtc cttgggaacc aattttctcat tattgtcagc cggtcagctg cctgc 55

<210> 1318
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1318
 gaggaagtga gattgtgcat gacatacttc tcctttgtat tctctcagtg ccttacagca 60
 ggttactcca ttctgctatg acaacttggt tcaaagtgtta atttacatag gattttttat 120
 aagccattaa ggcatatgta tagtatatca gtaaagatgg atgggtgcata tataaatagt 180
 cttctgtaat agtgattgga tttacttctg gattatnaga gactcaaaaat nttccccanc 240
 ctgtctctat cctttencag gttgatccct tgtcatgatt tttcattacg gtggttcagg 300

<210> 1319
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(300)
 <223> n = A,T,C or G

<400> 1319
 cctcatcagc aagccagtga gaggggtgcct atccgaggat gatattncat cacctctggc 60
 agattctgct tactagtcag tccccaggcc caggccactc gcaaggggag gacattacag 120
 gaggcgtgag tatagggtgt gtgatctgtg gggaccgtcg cagaggctgc ccaccacaag 180
 gggttaaaac ctataaaact tcgaagttgg atttaataat tttcaattac taggaaatag 240
 ataaaaacaa attttctgtc cttcacagaa cactaaagta tgtattggat tttttatccc 300

<210> 1320
 <211> 300

<212> DNA
<213> Homo sapiens

<400> 1320
gtacaactct taaagctttc tacattttac atatacagtc atctctcagc atccgaggaa 60
gatttggtcc aggatggctc aaggctcctga tataaaattg cgtagtattt gtatataacc 120
tatgtacatc ttctcgtatt ctttaattctc tagattactt ataatacctg atactatgta 180
gatgctatgt aaataattgt tatactgtat ttttttcaa ttgttttatt gctattttta 240
ttgcttttcc ctgaaatatt tttaatccac agtaggcgga tgcagaacct ctttatacgg 300

<210> 1321
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1321
gtgaattcct cagcaccaag ttgtttaaca cagaagagag gtggaaacaa aaaatgcttg 60
gattttactg gctttctttt agcatttctg tctagtcgaa atggggggcca ggcttgaca 120
catagacaa tgaatgaatg taaccggacc tatccatct aggctgacct cttgaaagat 180
aggaggggaa gtctaaaaca ggagaaaagt tttagaaatc ctttgatta ggcttacca 240
gattagtggg atgtaaaata ttatgatatt cttagtgtt caggattatg gattttaagt 300

<210> 1322
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1322
taaacatcca gatgtgtttt gatagcctgg ggtaattaag gttgaggaca agtggtaccag 60
atcaaggaga ggaaccgctc ccatgcctgc cgtgtgttca ggtggctaga cttgttgttg 120
catctgttag ttccactctt agtacatcat tgtgctgtga ggtgtcatta gccgccgttt 180
aatttttctt ttgttttttag agacagtgtc ttgctctcac cccggcttaa gtacagtgc 240
atgatcatag ctgactgcaa cctcaaactc ctgtactcaa gtgatcctcc tgtcttagtg 300

<210> 1323
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1323
ctcgagtttt cttatccagt tgaggcgcgc ttcgctgtac tcaactctctg cctcccaccc 60
catcttctgc caccgacct ccatctttga tggttagcgc cttcagccct caacagcttc 120
gcacaaccaa cccctagaag ccgtggagtc agaccggcca ggtggggacc taggttttaa 180
ctcgggttct ggctacacac gctgcgcctc catacagttt gtcccaggtt tggcagcagg 240
ccggctacct tcaggaattc tttgctttgg cttctgtctg ttcctgtctg ttgggcaagt 300

<210> 1324
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1324
cgccgggctg cccagcctgg ctctgtctac actggccgag tctctgggtc tgtctacact 60
ggccgagtct ccgactgtct gtgctttcac ttacactcct cttgccaccc cccatccctg 120
cttacttaga cctcagccgg cgccggaccc ggtaggggca gtctgggcag caggaaggaa 180
gggcgcagcg tcccctcctt cagaggaggc tctgggtggg gcctgtctcc catccccca 240

agccccacca gcactctcat tgctgctgtt gagttcagct ttaccagcc tcagtgtgga 300

<210> 1325

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1325

ccttggggcca	gaccctttcc	cctgggggtgc	tgatttcaca	cctgtaaaat	gaagaagttt	60
gacttgcaca	gtgcttttct	tagactgtgg	taaggggtgg	atgtgggggt	agtgccaaga	120
ccaagtga	gaggcttctg	gacctccatc	cttgcttcag	ccagagcagc	gtgggttcat	180
ttcatttttg	gattttggtt	tgtgggaaga	aagggttctc	ttgccggtgt	gtgtgtttct	240
gataaaca	gaagtgtgga	agtggctgaa	tgagatgacc	caaggactct	ttctgggaag	300

<210> 1326

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1326

tttagagaaa	gctggtagct	aggctgttca	aggaagggcc	tctgtgagaa	aggggatggt	60
tggtgggtg	tggtgggttca	cgctataat	cccagcactt	tggtgggttg	ggagtttgag	120
accagcctga	ccagcatgga	gaaaccccg	ctctactaaa	aatacaaaat	tagcccgga	180
tggtggcaca	tgctgtaat	ccaggctacc	tggtgggtg	aggggggaga	attgcttgaa	240
ccggggaggc	agaggttgta	gtgagccgaa	atcatgccac	tgactccag	ccgggcaatg	300

<210> 1327

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1327

cagctactcg	ggaggctgag	ggcacaagaa	ttgcttgaac	ccgggaggca	gaggttgcag	60
tgagccgaga	ttgtgccacc	gactccagc	ctgaatgaca	gagcgagact	ccacctaaaa	120
aaagtaaaag	aaaaaaaaaga	ggaagaatta	gcacatttct	attacagaat	tggacttgaa	180
catgcaaaat	catgtctgga	ttcttcagtg	aaaagctgtt	ttacgttagt	ggactcttct	240
aacattttga	aatggtgatc	tggatttggg	atctggctat	cactgacca	ccttgggtct	300

<210> 1328

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1328

ggcaaggagt	ttgaatttta	ttcaagaatt	ttattcaaga	attttattta	ttttattctt	60
gaattttatt	caagaataat	ggctagccat	tgaagagttt	aaagtaggga	aacagtgtct	120
tcttattcac	attttgcaaa	gttctccatg	ggctactatg	tgaataatca	gtccaagggg	180
gaggtgaag	tagaagttgg	gagactagtt	acaaagtcac	tgagttttgg	agattatggc	240
accttggact	gtaggtgata	gggatggaga	tgacgataag	tgaatatatc	cagaaaatat	300

<210> 1329

<211> 294

<212> DNA

<213> Homo sapiens

<400> 1329

gtcagaatgg	ggaaagtggc	aggatgcagg	caaacatggt	cttaatttag	agacacgatg	60
aaggctcagg	acttttcctag	gcagataaaa	gaagaaagaa	gctgcttttt	gaaaagaggg	120
atcaagatta	tgacaaaaag	ggagattcag	ccatcagcag	aacccaaatg	agagcctaca	180
aagagacact	gtctactcag	agtacatctt	cagacatcca	gggtcccaag	ctactgtgtt	240
tactgttagc	ccttatccat	tggtatgtct	tactgcttta	taactcttct	ttaa	294

<210> 1330

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1330

gtggatacct	ctagtgcatt	ttataagcaa	tatcggtttac	aaaagggttac	agagaagtat	60
ccagaattgc	agaattttacc	tcaagaactc	tttgctgttg	acccaactac	cgtttcacaa	120
ggattgaaag	atgaggttct	ctacaagtgt	agaaagtgc	ggcgatcatt	atttcgaagt	180
tctagtattc	tggatcaccg	tgaagggaag	ggacctatag	cctttgcccc	caagagaatg	240
acaccatctt	ccatgcttac	cacaggggag	caagctcaat	gtacatctta	tttcattgaa	300

<210> 1331

<211> 298

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(298)

<223> n = A,T,C or G

<400> 1331

actttcaaca	tttcatggat	agaataagta	atgggtgggtt	agaagaagga	aaacctgggg	60
atctagttct	tagctggggg	ggacaatttt	gaagctcgaa	tgacaataaa	taccagcttg	120
gaatgaactt	ggaacaaaca	tggatggaaa	tctgggggtca	agggaaaatg	gcagtttcag	180
gggaatatac	cagggttaata	aatccnggaa	aaactgnntg	gtttgngggg	gnctccacca	240
cttggaagtt	gctgnaanna	ttgatgnaaa	gaactctgaa	annaaaaggt	gttgggca	298

<210> 1332

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1332

aggatatgtt	gcactagtgt	ttccttgtga	ctggaatatt	ctctgcccc	actttgaaag	60
gctagttagt	tactttctcat	cattcggggt	taggttaagt	gtttctctct	tagagttctt	120
ccttgattta	tcttcccccc	agtctaaagt	gccagtcaca	ttaatctgtt	ttattttctc	180
atacagcact	catcactgat	tttttaaaaa	tctattttgc	catctttctc	tctcactgga	240
atattatgtg	ctcatgaaga	agctccttgg	ctattttgtt	cctgatctgc	tgcgctgcat	300

<210> 1333

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1333

aaaaatttta	tggacttcta	tggatatttc	ttgatgctta	gagatttggt	tttttaattg	60
caaatgtgaa	tagtctattt	acaaatgcta	ttacatatgg	agcggggcctg	tgggtgatgg	120
cactatttct	tggactaatg	gtaccaggt	tccattctct	gctcagctcg	gaggctctag	180

acaaagcccc taaaatgctg tctgcttcag tctccttaat ggtgaagtgg aaatgaatac 240
ctactgtcac ttaactcatg gagatgctgg actgataatt agatcatgta agagcacttt 300

<210> 1334
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1334
ggattttctcc tccttccgcg ctttctgcgt gacactggct gtcagctctg ggctgggctt 60
tctggggggcc acacagctgc tgaggcggcg ggttgaggcg gcccgaaagg acccaggggtg 120
ctcaggcctg gttgtggata gcggcctgtg tggagaggag ctgctttag gcagtgagga 180
ggcggacagc atcaccttgg gccggtatct ccggcagctg gcacgccatc ggaacttctt 240
gtggttcgtg agcatggacc tggcgcaggt gcagtggctc acgcctgtaa tcccagcact 300

<210> 1335
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1335
caagaagaaa catggcggct atccttctct cacatcgaaa aggaaatttt gaacaatcat 60
ggaaaatcta aaacgtgctg tgaaaacaaa gaagagaaat gttgcaggaa agattgttta 120
aaactaatga aatacctttt agaacagctg aaagaaaggt ttaaagacaa aaaacatctg 180
gataaattct cttcttatca tgtgaaaact gccttctttc acgtatgtac ccagaacctt 240
caagacagtc agtgggaccg caaagacctg ggcctctgct ttgataactg cgtgacatac 300

<210> 1336
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1336
aaagcctaac tagttatgat aaatgtatcc gtaagtaaag taattaagcc agtttggggt 60
tggcag gga attgtgccag acatctgtgg attttgctac ccagcagcat tcgctcttct 120
cctggttgtg gggccccagc cctgttgcta ttacctggaa ctaaagggtta agatgatggt 180
tcaaagatga agccaccatg gaagagagca tagcggacag atggagagaa actgcatcca 240
ggtgacccca tttgtactaa acctggttac ctggtttttc tttagtacat atgccagttt 300

<210> 1337
<211> 292
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(292)
<223> n = A,T,C or G

<400> 1337
ccctctttaa aatacaaaaa tcaaaaagag gaaaataagt taaattaagc ccaagtaaca 60
aaaatactgg aattattaaa acgtatagta tgctagctat cctttttaa atgtgctaatt 120
ctcttcttct gaaattatgg tcacactata tactatagca tttcgggttt atcctttgat 180
aaaacttttc ttttttcttt ttttttttga aacagggctt nccccgctg nanaggetgn 240
agngcagggg caaagnctcn actnantgca gccttgacct cngngnccca gg 292

<210> 1338
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1338
 caaagtcata ccaaaaacttc acttaagagt cccatcccct actccagtgc ttatttcatt 60
 atctagcaga atgtaccttt atttgattca ctattttacca ctgattaaag tggagcgtct 120
 gtggagttat acgttacttt gtagactttt gtctagtga atacaaaaga caacccccaa 180
 gggtataatt tttttgccta tagaacattt caggaaacag gagtaggatt tttgtctata 240
 atatagcaaa ctgtcttcaa cttaccttcc acaacttaca aatgctcttt gaaccagcct 300

<210> 1339
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1339
 gcatttggcc cattggccgc attctgctga cccatcacct tgggtgctttt tctgcttttt 60
 ctctgttgtc ctctgtgtgt gttcctttgt cctgacctt gtcacctgtt ggggtccaaa 120
 tggttccact agcctcatgg agcctggcct tacattgcag agtccaaagc aggagctgag 180
 ggaaaatgaa aaacaacttc ttcattcacg gaagcccagc aaacttctcc ttaaaaatca 240
 ctgggtcaggg ctgggtgcag tggctcacac ttgtaatgcc agcactttgg gaggctgaga 300

<210> 1340
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1340
 ccttcacgag acctgcctca ggccatggga cagttgcaac agcagttaaa tggactgtca 60
 gtcagtgaag gtcattgattc tgaagatatt ttgagcaaaa gtaacctgaa cccagatgcc 120
 aaggagttaa ttccaggaga gaagtactga gccgagaaag ctttgaggaa gacttgtctg 180
 tccccacatc tggggatagt aatgcacaaa atgggtggagc tgaagagggg gatggggcgg 240
 gcgaggggtg cacagcggga aggggagtggt tggctctaca atactgtgac tctgagtaac 300

<210> 1341
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1341
 ggccttccag atcgtgctgt cccacctacc tgcaccgccg aggccttcca gatcgtgctg 60
 tccccacctac ctgcacatct gccacagctg gccctgggcc caccacacga agggcctggg 120
 cctaaccctt tggcctggcc cagcttccag agggaccctg ggccgtgtgc cagctcccag 180
 aactacctg ggtagctcag gggaggaggt ggggggtccag gagggggatc cctctccctt 240
 ggggctgccc ctgtggaggg ggatcccgcc tctagaacta tagtgagtcg tattacgtag 300

<210> 1342
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1342
 aactgaccta agcctcagtt tttcagatct gtagtactta ctttacatga ttgctctttg 60
 aattgaataa cataatttat gtgaaaacac ttaattatga atgctgtaaa actatcaaag 120

ccattaatat	gtgttatagt	agcatcatac	atthttgcagc	ataatccaga	gaacaaggag	180
ttgttaacaa	gggagaggaa	gataatcttg	ttgggctagt	attatactct	caggtgctac	240
tgacttctta	gatgaccttc	aagatgttag	tacaactctc	tacttgagga	tgctattttc	300

<210> 1343

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1343

atgttttggg	aaatagcttg	cgagaggtaa	gaaggattgc	aaagtttttc	caaaatattt	60
tatgaagtta	gtgaagtcag	ttgaaatgtg	tatttaaaca	tttgaaggga	tacagttaac	120
atthtttttaa	tgagaggaaa	ccattgtctg	tagttcagaa	ataagatgga	gtgttttact	180
tatttaaggg	gtaattttaa	aagtaaacia	aagcattggc	ctacaagaga	aaggtgatgt	240
tggattataa	gtgctttttc	taatcgtaa	tattaatcaa	caggtgagta	tattttccgt	300

<210> 1344

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1344

tcttgactga	ggttcccatc	tttcttagtt	ctcttaagga	tgtgctattc	tattctagat	60
gcataggagg	gaagttaatc	cagtcttaga	tcagcagggc	tgagttcttt	ctcagaacca	120
tagttgaaaa	agcctaaata	gaattttagg	aaagttctat	ttagaaagaa	actaagaatt	180
atgattaagt	tttggcctaa	gcaacttaat	aggcagtggg	atcattttatt	gagaagcaaa	240
tcagataaga	agcagggttat	ggggcctggg	aggaggtaag	ggcagaaagt	tgggtattct	300

<210> 1345

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1345

ccgatttaca	gattgaagcg	gtaaattagt	ggttttatgg	tattttctgta	aacaggggata	60
aagtggaccc	tgacaaattc	aatattgtct	gaagagacaa	tctattctgg	ttctgttgga	120
cttcagggtta	tttttctttt	tttgtaaaat	gaaaactaca	aagaaacctg	actttttcaat	180
tttttataca	tgtaattttc	tagaaatcta	ggaagtcatt	tacacatcct	tatataccat	240
gaggggcaaa	agtaagcttt	cttcctccca	aagcaaaact	cttttttcctt	aaggagctgg	300

<210> 1346

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1346

ctgaaatgtc	aaacacggcc	acctaggcag	catttacaag	caagagtcca	ctgctttttt	60
gatgtatate	ttaagcgccc	ccagtgaatg	aacagcatat	aactccacat	aaaaatcatt	120
aaatgtaatt	gacttccaga	gcaggcagtt	ctgttgtagt	cctctggaga	aggctggctg	180
aattggaatt	gggtctgtacc	ttctgcctat	catgtacatg	aggtttttgg	gcaaagagaa	240
ctttccacaa	aataagtcca	aaaattatag	atcatcagac	aaccaataac	atattgatga	300

<210> 1347

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1347

cttgctcatc	ctcatttggg	aaactgctac	gttaaatggt	tcaggatatgt	ctgattgacc	60
tgctctgctt	ccgagaaaatt	gatgagctaa	taaaaaagga	aaccaaaggc	aaaggttctt	120
tggaagtact	caatctgaaa	gatttgaaga	aggagatgag	aaatttgaat	gacacccatc	180
agtctcttca	cctctaaaaac	actaaagtgt	tttcgtttcc	aacagcactg	tttcatgtct	240
gtggtctgcc	aaatacttgc	tcaaactatt	tgacattttc	tatctttgtg	ttaacagtgg	300

<210> 1348

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1348

gggatccctc	cctccacccg	ccccccagcc	ccgggacccc	gagtgccact	ccagcctcac	60
cccctgccag	tgccactcct	agccagcgcc	agtgcgtctc	cgcagccacc	agcaccaacg	120
actccttcga	gatacggcgg	gcccccaagc	cagttatgga	gaccatcccc	ttgggggacc	180
tccaggcccg	ggcgctggcc	agcctccgcg	caaactctcg	aaattctttc	atgggtcatcc	240
ccaagagcaa	ggcctccggg	gctcctcctc	ctgagggggag	gcagtcctgtg	gagctgccaa	300

<210> 1349

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1349

aagaattgna	cgactcttat	tgatgagtgc	aaaatttttc	tatagatttg	aaagtcacta	60
ctaatacatga	ctagctgatt	ataataattg	agagtaaact	tttaaaatta	ttaaataatcc	120
tgtgaaagt	ggagcacagt	aaccattaac	cctaaatttg	atactatgtc	catatgaatt	180
cagatcataa	tagtgctcta	tcatgtgaaa	ctactaaagg	atgtatagag	ttaaataatta	240
cgtatccact	ttaatgaaga	ataggtatta	cacagtaatg	gttggtttaa	aaaatttttt	300

<210> 1350

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1350

gccctgtgtt	aatccagggt	agaacaggta	gtacccaaat	tagggcatgg	tagcagggat	60
gcagaggaaa	gaagaggagt	aggaactatt	tgggaggtag	tattactagg	attttagctt	120
tgaaggggtt	agagaaatgt	caagcctaac	tacaagcaag	gtttctagta	tcagtaactt	180
catatcattt	gaaatacana	nattagcaat	caatgtatan	ancntnctgg	gctaancnta	240
gcataaantc	tgacttcant	gtagcattga	ggaggggtcct	ggcctcagat	actgcaccag	300

<210> 1351

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1351

agatactgta	tatttgaaca	agattttttt	ttatcatttc	tatagtcttg	gagttcattt	60
gtaaggcagt	gtcttgactt	ggaaaggatg	tgtaaatggg	gtgactttgt	agcatgggat	120
gttgctctga	gttaactgta	gtgggtgggg	aggtccaatg	ccctccgcaa	tgcccttcac	180
ctcctgtgtt	gtcctgtacc	ctgctcagct	ccatcctggg	gttcagggaa	ggcacacttc	240
ccagcccagc	tgtgttttat	gtanccgana	tanagnngng	tccgattcaa	nntcatncac	300

<210> 1352

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1352

gctattccga	atagccccag	gtgatccagc	tcacaccaac	gtagcaatgg	aagtcagcac	60
ctctgtctgg	ccaaggccat	gcttccccag	cctgtggctg	cgctctctgt	gtctctccgg	120
gtctcacctg	ggcgggaggc	tcctctggag	gccaggacct	gccttgtagg	gggtgccctg	180
tgggagaggg	gcttgcccaa	acctgctgtt	ccccgggggc	tccttggtgg	ccccaggagc	240
tggagctctc	tgccagagtg	ccctcccca	gaggtagga	ctcccatgac	cctgtccctt	300

<210> 1353

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1353

gctgagtatt	tttttcaagt	gtatcatttg	cctgttaact	taaaattcta	ttttccccct	60
aattctatgt	cccagttttg	gttagtgtgc	tctgggattt	ttgaccattt	ccatagtaat	120
agttattact	actaccacta	cagtaaattc	ttacaagaac	tttccatgtt	ttttgggagg	180
aggaggagga	gtagttacat	tcaggatcat	atacataatt	gttttagctt	agttctgtat	240
ttatatatgt	cacttgtaac	tgactgggat	acgttctgag	aaatacattc	tcaggtaatt	300

<210> 1354

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1354

acatggacaa	cagtggcagt	ctcaacgctc	aggtcattca	ccagctgggc	cccgggtctca	60
gggtccaagat	ggccatccag	acccagcagt	cgaagtttgt	gaactggcag	gtggacgggg	120
agtatcgggg	ctctgacttc	acagcagccg	tcacctggg	gaacccagac	gtcctcgtgg	180
gttcaggaat	cctcgtagcc	cactacctcc	agagcatcac	gccttgcttg	gccttgggtg	240
gagagctggt	ctaccaccgg	cggcctggag	aggagggcac	tgtcatgtct	ctagctggga	300

<210> 1355

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1355

```

gattccgagt gtttactaag cctgttgacc ctgatgaggt tcctgattat gtcactgtaa      60
taaagcaacc aatggacctt tcatctgtaa tcagtataat tgatctacac aagtatctga      120
ctgtgaaaga ctatttgaga gatattgatc taatctgtag taatgcctta gaatacaatc      180
cagatagaga tcctggagat cgtcttatta ggcatagagc ctgtgcttta agagatactg      240
cctatgccat aattaaagaa gaacttgatg aagactttga gcagctctgt gaagaaattc      300

```

```

<210> 1356
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 1356
ggcatctgga ctaatagtga acgagtggaa tagtgtgaaa ctgcatgcta cagctatgaa      60
tacacgtatt caggaaagac cccaatgatg cntganaact tctactttgg ctncctaang      120
ntgaatncaa ttcacatctc tnagaggntc accgtaaaca gntttggann ctacccttna      180
tntggacana ttgantttctc ctgaggtgga tcttgatatng ctctagaaac tangcatent      240
caccatgtgc tgaataanag tgnntcggt gtaatngccg cgcacgtatg nnnacatttg      300

```

```

<210> 1357
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1357
ccataagtga cttgcaaagg gcctccccc a taggaaggcc tcagcaaatt ttcagtgaac      60
tcaagttcat tgattttcaa tttgtgaaat aaactagagg gcctctctga actacctgcc      120
tcatgagaat gactgtgaag tgtagtcagt ttaaaacaaa cagacaaaaa caaagctaga      180
cagcattaca ggtttctcag aaagaaggaa ggttcaagtt cacattggta ctggtaccac      240
gttgccattg cctcctaga ctgttctctg caagctttct atttactgga ggctggaata      300

```

```

<210> 1358
<211> 86
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(86)
<223> n = A,T,C or G

```

```

<400> 1358
ccattgtgaa gggttatgcc cctgagagcg tgctggagcg caactggtgc acagagaang      60
tggacgtgnc nggggacggg gggact                                     86

```

```

<210> 1359
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1359
ggctgtgttg tgtgtcttgt ttgatgtaaa gatagtttct gtaatagttt tgcagtttga      60

```

ttgttcatct	ttaggtcttc	aattacaacc	tgcacatcca	tccctcttat	cctctttctt	120
actctgtttt	tctccatagc	acttatcatc	caataatatg	tcatgcactt	tatttatctg	180
ttttgcatat	atattttgtc	tggtacctgt	ttccttccac	tagaatgtaa	gtcccatgag	240
ggcagggact	tgcactctatt	ttgtttgtgg	ttgtatctct	aacacctggg	atagtcactg	300

<210> 1360

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1360

gctgcttcat	taaactcttc	ttgagtgagg	ggaatgagga	ttgtccta	cccttggcac	60
gaggtgttcc	tgggccttgg	ggagctgctt	ctgtcctgca	actgggcagt	ggttgccgac	120
atcctgctga	tctctagtgt	cctgcggggc	aggcgccctg	actcctatct	gcagcgcttc	180
cgcagcctgc	agcagagctt	cctgtgctgc	gcctttgtca	tgcacctggg	gggcggctgc	240
ttcctgctga	ctgcgctgta	cctggagaga	gacgagacct	gggcctggca	gcctgtcaca	300

<210> 1361

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1361

gttacagga	tcttgccact	taaagattca	atcttttaga	ctggcaatga	ggattcagac	60
aactcaatct	ttgtgtaaat	acttggtaaa	gcaacaggac	acagaagagg	aatgctggaa	120
aaatctgggt	tatgaaaaca	gaaatcaaac	caagttacta	accaacctcc	ccgtcccttc	180
caggcacaca	aaaacatttg	cctttgtact	ctgccaatgc	ttgattta	tataatacac	240
actcaagtgg	ctgtaaaaaa	acccaacaga	acagaaacca	tttaacatct	gaatagtgat	300

<210> 1362

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1362

cagctatcac	aagtgttaat	gtattttatg	tgtagcccaa	gacagttctt	cttccagtgt	60
ggcccagga	agccaaaaga	ttggacatcc	ctgtgttaga	ccatcatttg	tttgctatat	120
gatgtcatag	tggtagaatg	gtcacttaag	gtaaaatctg	aatagagaaa	tttggcagaa	180
atcataggaa	tttctgtttg	aaggcataat	gagggttaat	catttttcat	aatagatgtt	240
aagattaata	gtaatcatag	cccatattta	ttaagcactc	gccacacact	ggtttcgaga	300

<210> 1363

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1363

aatacacaca	acataataaga	catggcaatt	aactgtttat	gttatcaggt	ttaaggcttc	60
tgggtcaacag	taagctatga	gtagttaagt	ttctgggggg	acaaaaattt	ggttgtcaac	120
tgatgggggg	gcggtgttgg	cacccttaac	ccgtgcactg	ttgaagggtc	aattgtactg	180
tatttatata	tgccagcagc	tctccaactg	tggtctgcag	atctcatgag	gtctcctttc	240
aggggacca	catgggcaaa	actatattca	tactactact	aaagccattt	gcattttcca	300

<210> 1364

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1364

gaaaagcaca	ccccagttc	gtacagatcc	cgtaccccat	tcttatcagg	tggaagttct	60
gggggctgag	aagtccaaga	tcaaggtgct	gccaatttgg	ttcctggtga	atgagcaaac	120
agcacagaaa	aagaaacagc	agtatatgtg	gaagaaagca	agaaaaatca	actggcctgg	180
aacctaagac	ttgtccaaag	atgtcacaga	gagtaaaatg	agaaaaatcc	agtagcccg	240
gcccagagca	gttcctcgta	cccagcagaa	gggaacgatg	ctcttcccaa	ggaaggcaga	300

<210> 1365

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1365

ctcatcacac	tggtgtatac	ttcgtagcta	ttactttctt	aatcccccaag	gacttggtta	60
acaaagtatt	cttcagtttc	tacttccctag	ttcctttgtg	gaactggtaa	aaatttaaaa	120
tatcttaaca	taatatttta	tttcaaatga	taaacagtaa	ggtaaaatgt	ggtttttctt	180
ggacaactta	tggtagaatg	atgtctagaa	tatttagtta	tgctatttaa	tacttttttt	240
ctttacaatt	taaaaaaaaa	tttattttat	tttagattca	gggggtacac	gtgcagggtt	300

<210> 1366

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1366

tagttttaaa	tttagcaatt	tgatattgat	acagatgaaa	cacctagata	tatcactttt	60
tattgagagt	tggtgatcaa	attgtacatt	agctagaaa	aaggaaggaa	aactgatgaa	120
aattttacag	tataaagtgt	atgggtaagg	tacacaaatc	ttttttttct	cttttttttg	180
ggaccactgt	cagaaacaaa	attttgttca	tcacattatt	ctaatagaac	gtctcacaca	240
gcatgcagtg	agctattgaa	gtttattgtc	ctaggaggta	ttaacgaaac	gaatgaactt	300

<210> 1367

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1367

gctgggctag	cagaaaacct	caggcatctg	tgaggacatg	agtttacaca	cgctgagact	60
cacttataca	aaaatgcaac	ccaattccac	ccctgaattg	aggggagtg	atagaagtga	120
atgtcccgtc	tttctgaggt	ctggtgattt	tgtaattagt	aaacgaagg	tgcatctctg	180
attttttttt	cttgtgtgct	agaattcatt	gctagtaaaa	ctcaagataa	tagcgatgag	240
taggaggtat	caaagatgaa	ctgtatagg	acagtttaag	ttacttaaga	atcgtcagca	300

<210> 1368

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1368

tctgggacca	ataatgtttt	aaaaatatat	tcatttgaga	ttcagaaaac	ttgcacatca	60
tttgctactc	ctatcatctt	aacagtgaag	aaaactgagg	cctagagaca	ttaaggggtt	120
tgccaggtcca	gagacatgtc	tcaagaaagc	attgctgtta	aaatgtgcag	ttcgtgggtt	180
ttcagtcocat	ctcttaagaa	accaagtcaa	tcttcccttc	aggaaaaaga	aaagaagtag	240
caataagcaa	tttgtaata	tcactacttc	ttatcaaggt	aaaaaatgcc	tcataatcag	300

<210> 1369
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1369
 agcagattca gtgtcgatga gagcctgctt cctgcttcat agatgataga agtgcaaagc 60
 cagctgtctg ggcctttttt atgatactga tcccatlcat gaatgctctg cctcatgat 120
 catttcaatt cccaaaggcc ccacctccta atattatcac agtgataatt ggggtttcaa 180
 cacatgaatt tgagagaaac acattcagtt cctagcatta gcttgcttat atttatttca 240
 tctcattctc tctcatagct tttatttttg tttccctgtt ccaatttatt atagtttttt 300

<210> 1370
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1370
 gttatgagt gtcattgtga aaatttggag gaatacaaaa agtagaagaa aataacagtt 60
 ctatatacta gagttaacct ttattaactg ttttgtcata tgacatcaaa atgttatatt 120
 attacctgtt aaatttagta tagtatagta tactaaaaca gtatgtttac aaaattgaac 180
 tcactgtgca gatattacag gttttattca tgtaacacta tagagtgtct attgtcacat 240
 gtcattcaag ttcttctaga gtgtgatttt ctcaggcaca tattgcacag atgctctata 300

<210> 1371
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1371
 accaaaactg gagtaaaagt gttgaaaaaa aagaaagtat aaaggggctt attaaagtgg 60
 ttaataaata tgatttaggt tgggtttttga tatgtttttc ttccaactgt tatataagaa 120
 actactaatg taaaatagta ggctatatgt tgggatgtgt atagctatgt cttcaagact 180
 aatactcaga gaatcaaatt gtagattgta cctatctgtg agcctatttc tttagccagt 240
 tttctgtcta ctgccaagaa acagaattct ctgcctcatg caaatgcctt ttcgtgttta 300

<210> 1372
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1372
 aaaaactggg agagagggag aaagggtacag tgattaagcc acctgtggaa gagtacgagg 60
 aaatgaaaag ttcattattgc tctgttattg agaatatgaa taaggagaaa gcatttttgt 120
 ttgagaaata ccaagaagcc caagaagaaa tcatgaaatt aaaagacaca ctaaaaagtc 180
 agatgacaca ggaagccagt gatgaagctg aggacatgaa agaagccatg aataggatga 240
 tagatgaact caataaacag gtgagcgagc tgtcacagct gtacaaagaa gccagggctg 300

<210> 1373
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1373
 ggaaaaactg gtagagaggg agaaaggtag agtgattaag ccacctgtgg aagagtacga 60
 ggaaatgaaa agttcatatt gctctgttat tgagaatatg aataaggaga aagcattttt 120

gtttgagaaa	taccaagaag	cccaagaaga	aatcatgaaa	ttaaaagaca	cactaaaaag	180
tcagatgaca	caggaagcca	gtgatgaagc	tgaggacatg	aaagaagcca	tgaataggat	240
gatagatgaa	ctcaataaac	aggtgagcga	gctgtcacag	ctgtacaaag	aagcccaggc	300

<210> 1374

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1374

gcgggaccct	gcctctacta	aaaaattaaa	aatagctatg	catggtagca	catgcctata	60
gtcctagcta	ctgaggaggc	tgaggtggga	ggatcacttg	agctcaagaa	ttcaaggctg	120
cagtgaagcta	tgatggcact	actgcacttt	agcctgggtg	acagagtggag	accctatctc	180
acaataaagt	aaaataagaa	ttaacacact	cataataact	atthagttaa	taggaaactc	240
tgtttaagcg	atattgctta	tatttctctc	tcatgctttt	gtaggtctgg	actcatcctc	300

<210> 1375

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1375

gaaagataga	aaatcaccca	ggggcctgta	ggctggagct	tctgtagacg	cacagtggac	60
actgccgaga	aacaggcctc	atttctccca	tgttcccgtc	cccgctcccg	gtttcctgca	120
tgactgcttt	ggtgccccct	gactccagaa	tcaacaccac	accagctctg	ccttttagact	180
ctgcccagag	gctctgggct	ggatactgta	tttggtgcga	ccctctgggg	catttttgca	240
agtttttcagg	cagatgggtg	ggggagcagt	gaaggaagga	ggaaaaaaga	caaagcacia	300

<210> 1376

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1376

caagcagggtg	gccctgcaga	gccagttcaa	tacctacagg	ctcaccttgc	aggacacaga	60
ggatgccctc	agccaggacc	agctggaaca	aatgatactc	acggaggagt	tgcaggccat	120
ccgccaaagcc	atccaggggc	agctggagct	caggaggaag	acggatgctg	ccatccggga	180
gaagctgcag	gagcacatga	cctccaacaa	gaccacaaa	tacttcaacc	agctcatcct	240
gaggctgcag	aaggagaaga	ccaacatgat	gacacatctt	tccaaaatca	acggtgacat	300

<210> 1377

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1377

agaggaggag	gaagaggagg	aaaatgggga	ttctgtagtc	cagaataata	acacttccca	60
gatgtctcat	aagaagggtg	ccccaggcaa	tcttagaacc	ggacaacagg	tggaacaaa	120
gtcacagcca	cactcccttg	ccacagagac	cagaaaccca	ggaggacagg	aaatgaacag	180
aacggagctg	aacaagttca	gccacgtgga	ttctccaaat	tcggaatgca	agggtgagga	240
cgcgaccgat	gaccagtttg	aaagcccca	gaaaaagttt	aaattcaa	tccttaagaa	300

<210> 1378

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1378

ggctccatcat	cttttagcatc	cttctcgtct	ttgactatgc	tgagctcatg	ggcctcaaac	60
aggtatacta	ccatgtgctg	gggctgggcg	agcctctggc	cctgaagtct	ccccgggctc	120
tcagaactctt	ctcccacctg	cgccacccag	tgtgtgtgga	gctgctgaca	gtgctgtggg	180
tggtgectac	cctgggcacg	gaccgtctcc	tccttgcttt	cctccttacc	ctctacctgg	240
gcctggctca	cgggcttgat	cagcaaagac	ctccgctacc	tccggggcca	gctacaaaga	300

<210> 1379

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1379

tcttggtttt	ctagccttta	gaaaaaaaaa	atctagtctt	ggtaaagaaa	atgttcattt	60
taatcaagct	ccagtacagc	ttgtgtcaag	acctagtaag	accaccttta	atgtgttctt	120
ggatatgaca	ttaaaaacta	acttgaaaat	tgttaggata	tttccttggt	cctactttt	180
attgtaaaat	ctactacatt	cttaagaatt	aaaaaacgcc	atttcagaag	agatgatagt	240
tttatcttgc	caaggaatta	tcttcttagt	agcctatatt	ggcttattcc	aaaaaaggcg	300

<210> 1380

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1380

gccatttate	cttttatatt	tgattggctc	agtgattttc	tttacttaaa	tgtagcattt	60
atcaaccaca	actagcagtg	catgttatag	tgttaacaga	aaattccaca	ggacctctt	120
cacactaggg	aaggggacca	tctgctactt	tcattattag	atgtcaggat	ttagagggtca	180
atgtgtttcc	tcattcaagc	tgaaggcttt	gggaatccgg	ggaagtgtca	ggctccaagc	240
agcacagcct	gctcaaactt	catatttaag	cactggacaa	gacactgttt	ccaatcctac	300

<210> 1381

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1381

atcacgcccc	gctaattttt	tgtatttttt	agtagagatg	ggatttcacc	gtgttggcca	60
ggatggctct	gatctcctga	tcttgcgatc	caccgcctt	ggcctcccag	agtgtctggga	120
ttacaggcat	gagccaccac	acctggccac	agaagggatc	atttctaaat	agcatagaat	180
cacagggagt	acacctcatg	tgacttcacg	tttagagtca	gcatttgctc	ataatgaatt	240
acatatcagt	aatgaacat	gacatgcttc	aacttcaata	atattaaaca	aaactctttc	300

<210> 1382

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1382

caggggggtca	gctctggtaa	aaggcttggg	aagaaggagg	ctgagagtaa	cagccaacat	60
aagggttttca	gattatctac	atccaggctc	gcccccaacc	ctgtcctcag	gaatcactga	120
atgcagccat	gacactgaaa	tttgtttttc	attcattatt	ttttcattct	tacaataaac	180
gtgggttttat	aagttagtta	aaaagtcttt	ttcaggatgc	cgtagtaaac	aagagtccct	240
tttgagcatt	tccttagtaa	acgatgaatg	gctgctgggc	aagcttggtc	tggcaagtct	300

<210> 1383

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1383
 gttttaagta ttctcatccg tcaactggga ttggtaatag tacagggctg ttaggatgat 60
 tgcattgagat gaaatacatt tagcacttgg taagcactct ataaatatgg caatatgata 120
 gtccctgact catcttcctc tctgttgccc tttaaacagg tgagcaccta gccttggtgg 180
 ttttatgtgc tcaacagcag ttgactcccc tggetectct caccatgct actgcgtagt 240
 caagccctcc atagtctct ctctggtctc tgtttcccat ctgcctttgc ctttccctct 300

<210> 1384
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1384
 gtctttctag atatttgga gtgcttgatg tatttaaaag tggtagtaga ataacacttt 60
 gtaaatagct tttaaaaact gatgggaaat gctgtttgga agtgggaattg ttgaaccacc 120
 tgggaggtgg gaggggaagaa attgcaaattg gtgttttgcc attgtttatt agaaaatttc 180
 agcttaattc attgtgtata tgttacatgc atttcattta actttgctat actgtatata 240
 ttgtatatat aacggacaaa ttagtcccgga ttttataata tctagtctct agatattaaa 300

<210> 1385
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (300)
 <223> n = A,T,C or G

<400> 1385
 gcaagctgga gagctgcaga ggctggtagc gtggctcagt ccaagcacag aggcctcaaa 60
 accatggaag ctgatggtat aactcagtct gaggatgaag gcttcagaac ctgggggact 120
 acaggtgcaa gntctggana ccttttctg gaataacctt gntttttttg tncctntttn 180
 nanntttncn nttttcnntt tncctnagna ntttntnnn tgttttntn nttntntnnt 240
 tnntgnnttt ttttagctct nttttntan ttttntttn tntntntan cttttttatg 300

<210> 1386
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1386
 cctttattca ttttactgt tatccagaat tccattatat gaatatgcc a taattttaaa 60
 gttcacgta ctattgttaa gtgtttctaa actggaaatt actccagaca atactatgag 120
 cacacctgtc tgtggctttt gatgagcatc tgaatgcagg ccaaacttgg cctgccaaac 180
 agtttctgcc gttgtttgta ccagttcaca ctccctgcc aacagtttct gcaatgtttg 240
 taccggttca cactcccacg gcagcacatg aaagctttat ttgctccata tcctctcaaa 300

<210> 1387
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1387

gccagtcctt	ggacagctac	gacgccatga	atatcttgcc	caagaagagc	tggcacgtcc	60
ggaacaagga	caatgtcgcc	cgcgtgcggc	gtgacgaggc	ccaggcccg	gaggaggaga	120
aggagcgtga	gcgagggtg	ctgctggctc	agcaagaggc	ccgtacagaa	ttcctacgga	180
agaaagccag	acatcagaac	tcactgcctg	agcttgaagc	agcagaggcg	ggagccccag	240
gttctggccc	tgtggacctg	tttcggggagc	tgctggagga	agggaaagga	gtgatcagag	300

<210> 1388

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1388

gccccaatgcc	ggaattcaaa	acctggcaag	aaaaagaatg	atthttgaaca	aggcgaatta	60
tatttgagag	aaaagtthga	aaattcaatt	gaatccctaa	gattatttaa	aaatgatcct	120
ttgttcttca	aacctggtag	tcagtthttg	tattcaactt	ttggctatac	cctactggca	180
gccatagtag	agagagcttc	aggatgtaaa	tatttggact	atatgcagaa	aatattccat	240
gacttggata	tgctgacgac	tgtgcaggaa	gaaaacgagc	cagtgattta	caatagagca	300

<210> 1389

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1389

cccagaggcc	accaatggca	atagtagccg	aagcgtacct	gtagttcagc	ttttgacatg	60
tgtgtaaaac	atgtccatta	acatgtgctt	aatctgttct	gtgaaagtat	tttcagaaat	120
gataaaaagt	aatgatgggt	acatctgaat	ataagttaga	tcatgacact	cactcctttt	180
ttcagaaact	accagtggca	tcacatctta	ctcagagtaa	aaaccacagt	gggcttactg	240
tgggctgcaa	ggcctcgtag	gatttgcccc	ccatgacttt	ctgacttcat	ctcttgtcac	300

<210> 1390

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1390

cttttctttg	cagtatgaag	gtagataatt	cttcaagtta	aagatggact	ttttcacca	60
gaaatggctt	tatggaatca	atthgcaaaa	atgtaagagg	tggcaaagga	aagaataaaa	120
taatattttc	atthtcttct	gttattctta	gaccttttgg	tagattgtaa	actccatgaa	180
agcaggatac	cttcttttgc	cctaaggctt	ggcccaaaag	agataccaaa	aaaatacttg	240
cttatatact	aacctagtct	ctgggtgtgg	gagccataga	gggttcaggg	tggggtgggtg	300

<210> 1391

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1391

ccttgctttt	tagttagcat	atgcccttct	tctccccctt	gtagaagcag	taggggacag	60
aaatgataag	tcatatatgg	ccggtgagtt	tttcttccaa	agactgggtcc	acactagagg	120
gtgcagcctc	cacagacact	gggaattgct	cctgacctat	ggaaaaacaac	tttctttcca	180
agaaaattat	ttttagtctt	ttggtgtaaa	gacacagtc	tgagttgttt	tcacttactg	240
aattctataa	ctaggaatga	aacactatac	tcttgctaaa	aatgaccttt	tttctttcag	300

<210> 1392

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1392
 gtaaaccatac aataaaagctg aaaatttttag tgactactta tatgctcacc atctagattc 60
 tacccttgag taatctattt ttataaaagg attgatgtaa ctattttata aatgaaaaaac 120
 tacacactaa aaaccaaata tgtgatctcc agcatcacag aaatgaaata aggatttttt 180
 ttttaacttag gtaattattgc ttgaactgta gtaattcaaa tgtagcaatt tcaaaggtag 240
 aatttcccat gtattactat actgcttcac atcagctcta ttaataaaaag tagaacagtt 300

<210> 1393
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1393
 gggactacag ctgtgtacca ccacaccggc ctctcctggc ttcttaacca cttacattaa 60
 aattgagagg agaaaggcat ttccagtttc tttagttaat aaaaagaagc catttctgga 120
 ggagttttat gcctgtacca gcagagggtc agctttccag gaatctcacc atgatccata 180
 ctgctgacac aggcctttgt caccgaagc attcttaaaa taaggagact gacattaaac 240
 aggacaattg tgaactccac tttgtaagca tcatacatat cttacaactc attctgaaga 300

<210> 1394
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1394
 gcctgaccaa tatggagaaa ccccatctct attaaaaata caaaattttt aaaaaaaata 60
 caaaattagc caggcgtggg ggcacatgcc tgtaatccca gctactcagg aggctgagcc 120
 aggagaatcg cttgaaccgg ggagacggag gttgcagtaa gccgagattg tgccattgca 180
 ctccagcctg ggcaacaaga gcaaaactct gtctcagaaa atatatatat atccctaaaa 240
 ctacctcagt tgaagaattc aaagtgc aaaacttttc ttaggatttt ttaatctatt 300

<210> 1395
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1395
 ggattacagg caccgcccac catgcccagg taatttttgt attttttagta gagatgaggt 60
 ttcacatgt tgaccaagat ggtctcgaa cctgacctc aggtgatcca cccacctcag 120
 cctcccaaag tgctgggatt acaggcgtga gccactgtgc ccggccccag ttaggctttt 180
 gcaattacct agatcagaga taatgatagc tgtgactagg aggacagtgg ggaagtgaca 240
 gagatggaac aaagcctaag ggcctgtgag aggaagaccc aggagtgaat ctcaggtttc 300

<210> 1396
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1396
 gacaaacagt ggcaaaacaa cactggctaa gaatttgcag aaacacctcc caaattgcag 60
 tgtcatatct caggatgatt tcttcaagcc agagtctgag atagagacag ataaaaatgg 120
 atttttgcag tacgatgtgc ttgaagcact taacatggaa aaaatgatgt cagccatttc 180

ctgctggatg gaaagcgcat gacactctgt ggtatcaaca gaccaggaaa gtgctgagga 240
aatcccat ttaatsatcg aagggtttct tctttttaat tataagcccc ttgacacta 300

<210> 1397

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1397

ccggccgctg gggactgggc cctgctcgca tgccgccccg ccctccccc acctccacga 60
ctatttattg agcgctgtt gtgtgtcagc gggctatgag ggccgtggg tgtttgggtg 120
gattatccac acaggtccc gcccctgcc gggctggagt tgccacagcc tgtgctcctg 180
gtccctacct ggagggggcca gcaggctgcc gtcccaccac acgtggcctc tgcgcccagc 240
acgggtgctc cgcacagtgg tgtctgaacc cttggggacg agggcctggg ccgcggtgag 300

<210> 1398

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1398

ggaggaaaaa cagtgtcttg cacacagcaa gcactcaata tttttggcgg ttgaacttta 60
tctgaacctc ccttagagca tctattgtag cctgcttggt attctatttt ctcatagggg 120
cctcagtgtc ttagcctccc aaagcagggg cacagactct gttagttatt gatactgctt 180
gttcgtactg aagagtatca aaagggtggg agaacattga aaaccaaagc atcctgagta 240
cattcagttt gctgttttcc aagacagaca ttccagatat atagaagcca aagtcctgtc 300

<210> 1399

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1399

gtgtgagttg catataacat atataaaagc tgtaacctgg gaaaaagtta ttatctggaa 60
gcttagaaaa ttaatgttat tctttcttaa gtatcatcag gaaattaatc aaaatggcca 120
ccttgatacc aaaaataagg ttttggggca taacatcctt atgaattcaa atgttagtca 180
tttcacatat cttccacttt atttcattaa gtccctccta gtagacactg ttcaaacatt 240
attcaccatt tactaatgct gttacaacat tatttttagaa gatggatatg gatagctgtt 300

<210> 1400

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1400

gcggggcacgg cgggtggctcg gtctcccgcc tgccgcgcgga gcggggagggc tctcctcaca 60
caagcgcttc cttgccgaga ggctggagct gcggcaccgc aggcctgagc cacccttctt 120
ctgtgtcttc cttctcttcc tcagggtccc cgtgtctgct cgcctccga cgtgtctcag 180
actatggaaa tgatgttaga caaaaagcaa attcaagtga tttcttatt caagttcaaa 240
atgggtcata aagcagcaga gacaactcgc agcatcaaca atgcatttgg ccagaaaatt 300

<210> 1401

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1401

ctttcccttt	atagtttctc	tataaaaaact	ggttttataaa	tcagtggaaa	agggcaggtt	60
gaatcaaggt	gaatcaatct	gaaattgagc	acacctgcct	gccatcgctg	ttccttcaac	120
tgagtgtgc	acatcatggg	ctctgtctgt	gagagaaaaa	tcccgggtgt	tggtgtcctt	180
gcatgacatg	gagttttgca	tgtagatcaa	tttaaaatgt	acctcttggt	tacataattt	240
gcataatttt	aaaagataat	gttgccaaac	tttggaaatg	ctaattgtca	gactgaaaat	300

<210> 1402

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1402

gaggaaagcg	gtgcgtgagg	cgggcggcca	gggcacgact	ttgaagatta	tccaatgaga	60
attttatatg	accttcattc	agaagttcag	actctaaagg	atgatgttaa	tattcttctt	120
gataaagcaa	gattggaaaa	tcaagaaggc	attgatttca	taaaggcaac	aaaagtacta	180
atggaaaaaa	attcaatgga	tattatgaaa	ataagagagt	atttccagaa	gtatggatat	240
agtccacgtg	tcaagaaaaa	ttcagtacac	gagcaagaag	ccattaactc	tgacccagag	300

<210> 1403

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1403

acattgtgtt	gcatcttata	acttgtatag	attgagctga	ttgaaataag	attttgttcc	60
aagtattatc	tgatagaata	caagatgatt	caaaattata	tagatattta	aagcttttct	120
gctgtttttt	ttttttaatt	gcaacngctt	ttntgcccng	cctntnttcc	ctacccaaaa	180
gngatgagtt	ctgancaaga	caanactgtc	atattgtaaa	nactttggta	tgngatncca	240
tanaatactg	atnggatagc	catcctagtc	acttaccaat	actgactaaa	agttaactct	300

<210> 1404

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1404

attattataa	gactaacatt	ctgataagcc	atggtataat	taacattatt	aaaatgttta	60
catataatcc	ttcttaaagt	atactctttt	aaaaatccat	tgacataacc	ttacttttag	120
tttagtgatc	cagaatttcc	ccagagctta	aagccactgc	agtaaattag	ggtacgtagg	180
atattcagtc	gctactagcc	ccaaggagtc	tccttattta	atggacctcc	ctcagtactt	240
aattcctgca	gagcgccctca	aagtggggga	agagaaatga	ancaantcnt	gggctcaagt	300

<210> 1405

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1405

ctcagtaacc	caattactag	taccttttga	agagaccagg	ctgggaattg	gtattaataa	60
taatagctga	catttaccag	gggctaccca	catgccaaagc	atcatgctaa	tcttgccagg	120
tccttctgag	tcagtgtgaa	tggcaggagc	accacatgtt	cctttctctt	cagttcacac	180
acattgagtg	tcttcatgtg	taagtaacaa	cagagactga	gggcatatgt	attgtgtaaa	240
aaaaaatttt	gttactggga	aaatagccat	tactgggaaa	tagctttgtt	acagaaagtc	300

<210> 1406

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1406

gtcatgatca	actcagtata	ggttttctta	aaaaattttt	tcttaaaatg	ttttttaaac	60
ttcaaataag	tttggttggg	gctacagatt	taaatcgact	tgtttgtgag	gataatagaa	120
ttctttttgc	tatgaactta	tcagtcagcc	cagcgtctgt	gagacgggtg	ctgcttgcac	180
gggtgcagtc	agagtgtatt	ttgcaaactg	ctagcactgc	ctttatgtag	gacgcgtgct	240
tcgtttttatt	gggtctaaaat	ttcccatgtc	ataaaccttt	gatcatgcct	tagagaagtc	300

<210> 1407

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1407

ggacaaacca	tctccagagc	cttaatcgca	tctgtaaagt	cccttttacc	atgtaaatta	60
atattcatag	tttctgaaga	tcaggatctg	gatttctttt	ggggcaatta	ttcagctaac	120
cacatattat	aatgaggaag	cacttcttgg	gaggcatcat	aatgcttggt	ttttcttttc	180
ctaaatagag	tatcactttt	acccaaatgg	aataactcgc	tgggttattt	tactgagctc	240
ttgatgctca	tttcttttgg	cttctctgtg	atgaattaat	gtttctatat	ggacatcatg	300

<210> 1408

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1408

tagtagagac	ggggtttcac	cgtgttagcc	aggatgggtc	cgatctcctg	acctcgatg	60
ccaccgcct	cggcctccca	aagtgtctgg	attacaggcg	tgagccaccg	cgcccgccg	120
aaagccaact	cttatgccta	gaaatatgtg	cacctatgac	caagcccatg	aattatacag	180
gaattatgta	attatgagtg	atgtacttca	aagttattgc	acatacactt	gtttactttg	240
tatgtttgca	ggattaaact	ttgtataatc	tttttacaaa	attttttttt	cagtatgcaa	300

<210> 1409

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1409

gggatagtag	ctgggaactg	ttccctttct	gattaatttc	agcagcatcg	gaatatattt	60
ggagcacacc	ctagtaacct	cttgagatta	aattacatag	tcttaatat	tctgttcctc	120
catgcaactg	atgtttgttt	tttaaagggt	aagatgtctg	ctcccaatgg	gtgatgccat	180
ctgactgggt	tcccatgtc	ctccattca	cccactctctg	ctcccaccct	tgccctgcctc	240
taaccaccca	ctggccagcc	cccttgccct	actctgggct	gctgaacact	gggtgctgtg	300

<210> 1410
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1410
 cagggtacgga atgagccctg gaacatttct atttcagcag aatatattgc ccaggtgaaa 60
 gggatctcag tggaagaagt tatagaagtg acgacacaga atgcattaaa actgtttcct 120
 aagctccgac acttgctcca gaaatagctt caaaaccatc cattacaaaa tcgaatcaac 180
 tgcagggggc agcatttgaa aaatagaaat gttctgatga agaattctgaa ctgaagaagc 240
 tgttttatag ggttatagaa gattgtaatt gtagagaaat atttctctta gaaataaaac 300

<210> 1411
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1411
 ctttggggga cacattcaaa ctgtagcagg aagtatttgc tttctcataa cattttttta 60
 attaattaat tttcagcgtt tggtatatca gaatggacat tatagcaatt tccatggctg 120
 tgctgctcct ggcagatttt aaagtctctc cagcctgatt cctctctctg tttgggtctc 180
 tggcatgggtg cctgctggag agtagatact tgataattat ctattgggtt ctgaggggat 240
 ctctcaaagg tgggtattcag gcacccacaa ggcaactccc atcacaagaa agaatgggtg 300

<210> 1412
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1412
 aattcggcac attgggtaag gctgtgttct ttcctttcct tcattaattc agtagagatt 60
 tactgatcac ctaatatgta ccacaaaaaa atgttctaga tacttacaac acattagtaa 120
 acaaaatcgt aatccctgcc tccatggggc ttactttcta gtgtaaggag acagacaaca 180
 acaaaaaagc ctcatatata gggatattat aatatgggtat gttaaaagggt gataagtgca 240
 acatagtaaa aaataatgaa ataaggcagg ataaaggggt attgggtgtg ataggggtggc 300

<210> 1413
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1413
 aaggctgaga caggagaatg gcgtgaatcg gggaggcaga gcttgagtc agccgagatc 60
 acgccactgc actccagcct gggagacaga gtgagactcc gtctcagaaa aaaaaaaca 120
 ctaaaatatz ggtattatgc ccaatccaaa tttcaaaaac gtgattctaa gtgaaagaag 180
 gcagatgcc cagaccaggt attttctagt accatttttag gaaatgtcca aaaatggcag 240
 atcttcagaa acaaagtaac tgcaaagtgt acaaggaatc ttttaggggt gacgaaaatg 300

<210> 1414
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1414
 ttttagaaat agaactcctg tagatgtgta gaagagtgat gggaaagaga aaggactgat 60
 gtccctcttt tcattgaaaa agatattgtt taggtcctac aatggccttag gtatgggtttg 120

agactctggg	gttacaaagc	aaagaaaacc	tggcctctgc	cctgctcaga	gaacagcagg	180
gatacagcat	gttagcaaat	aagtatatag	tgtggaaagg	tctgtagtca	atagcagtca	240
ttttgacaat	aggaaaagga	atgtgtgaaa	cttctgggct	tgtgtgtgtg	ttgggggttg	300

<210> 1415
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1415						
agagcagagtc	tctctttgtt	gcttaggttt	gtcttgaaat	cctgggttca	agcaatcctc	60
cctcctcagc	ctcccaaaat	gctgggatta	cagggtgtgag	ccaccacacc	tggcctctac	120
tttcttatat	ttccttaaat	agatttcctt	tctttttgga	ttaagaaaaa	ataaacagaa	180
aattaaaatt	tgaacatatt	ataaaaaatga	aagataattg	taaaatcttg	gtttggagag	240
tgtctctctg	agcccagaaa	tcattccagaa	aaatggacag	atttgactgc	atcacattta	300

<210> 1416
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1416						
gtcctggcta	ctgaggaggc	tgatgcagga	gaatcatttg	aaccagagag	gtcaaggctg	60
cagtgaagta	tgattgcacc	actgcaatcc	agcctggaca	acacagttag	accctgcctc	120
acaaaaatta	tattctgatt	ttctgagtc	atgaacacat	tgtccaaatg	gatttttcta	180
gtcctcccaa	gttacagata	gttccacgca	cacacagaa	tcaccactct	caaatatttt	240
ccccactagt	attactatta	aatttttcaa	acatgcaaaa	gatgaaagaa	ttgctcagtg	300

<210> 1417
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1417						
gttggccagg	atggtctcaa	tctcgacctc	gtgatccgcc	caccttggcc	tcccaaagtg	60
ttgggattac	aggcgtgact	caccatgccc	agccacttag	ttttttctta	ttcccacctt	120
tctatcccat	ataacactct	tttttatctt	cctgaacca	tattgatgat	ataaataggg	180
ctgggggctg	ggccccgctg	gtcactcaac	agagtatttc	ccttggccga	catggaagtt	240
ttgacccaat	agatgagctg	ctgagtatca	acaagggtgac	atttttctgc	tgcccatttg	300

<210> 1418
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1418						
aaataagctt	ttctttaaat	taattagaaa	ttacttgtag	gaaatgtata	gaataacaat	60
gatcattttt	tttaactaaa	tgatttacia	tagtgagaaa	gttgaccttg	agttacatgt	120
tgaaagaata	gtatgtaagc	tggaacaga	aattgaaatt	gagacagatt	tcagcaccac	180
tgttggtaac	aggctcttat	tccagaggaa	acatgtcagt	tttttattag	tgagtaaagg	240
atctctgcga	agctttaaga	atatctcatg	ttgagtattg	acatgtattt	tgaatgatga	300

<210> 1419
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1419

tttgtaggca atggaaagcc accagtgggt ttagttgagc agcaatgaaa ttaagcctgt	60
gctttgcaaa gattaatcta gcagcaacag attggaagca acaccaccat tcttgggtatc	120
agtccaggta aaatatatta cagctcttta ctggagcaat aacagtaata ttagaaggag	180
aaataaaaaa gaaaaatatt gcacaggcag aatggggagg tcccagtgat ggagctgate	240
ttggttcatt gaggcagggg tggcattaat catgtaaaac acaggaggag gaactgggtt	300

<210> 1420

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1420

ggttgccaga tataactgct ttggagcaaa tctcttctgt ttagagagat agaagttatg	60
acatatgtaa tacacatctg tgtacacaga aaccggcacc tgccagacag agctggttct	120
aagatttaat acagtgcttt ttttctctct tgaaatattt tactttaata ccagtgcctt	180
ttcttggtga acttcttgga aaagccacca attctagatc ttgatttgaa ttaatacaca	240
caatatctga gacacttaca cttttcaaaa gatttggtga tgcattgcct aattagagta	300

<210> 1421

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1421

ctaatatcca gaatctacaa tgaactcaaa caaatTTaca agaaaaaac aaacaacccc	60
atcaaaaagt gggcgaagga cacgaacaga cacttctcaa aagaagacat ttatgcagcc	120
aaaaaacaca tgaaaaaatg ctcatcatca ctggccatca gagaaatgca aatcaaaacc	180
acaatgagat accatctcac accagttaga atggcaatca tagagctttt catTTatctg	240
agtgttttcc tctgcttgtc gggacttggtg ctttcacgag ctctgctct catatcaggg	300

<210> 1422

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1422

cttgcaaaagt atataatatc taagaggaaa ggtttggaaa taagctactg cattgggtctt	60
aagctagtcc ggcattgtgaa gaaacaagaa tttgcccaga agaggactgt ggagaaacct	120
ctgaggcctc cttccagagt aaggccaatg cagttagctta tttccaagcc ttgcaaagta	180
tataatatct aagaggaaag gttttgtcat cccagcgttg tccactttgt ggggctttgt	240
aggtagacgg agccacacta caggcagggg atgagcagag ggatgtatgg agtgtgggtg	300

<210> 1423

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1423

ctgacatgac taccttaggg atagagctaa gggataataa cttgcactaa atacatttaa	60
atacttgatt gcatgagtca gtttattgta gtttttgatt tctgtaaaat aagagaaact	120
tttgtattta ttattgagta agtgaatgaa gctattttta aataacgtta gaagaaagcc	180
aagctgctgc tgttacctgc agaactaaca aaccctgtta ctttgtacag atatgtaaat	240
atTTtgagaa aaagtacagt ataaaaatag ttattgacca catgctacca ggctctgcag	300

<210> 1424

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1424

tgtattcaga agaaagcaag gatagaatga gtataactct ttaaaatttg gaggcaaaat	60
tggtctgtgag ttgccatgga gataggagca atggatgtcc aaggtctgag gaaatagaaa	120
ctgttcgaaa taattgcaga gaaagcttgc caacgggtgat aagtaggttt gtctagcagc	180
actgatgcgt cgtggaagtt gatggtcattg aacatacagt gtgataacct atctgccctc	240
ttgacctttt ctagttagtgc tatgtcattt tggactaag gtaggtgaat tttccaagtg	300

<210> 1425
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1425

ctgggggtcc tgcagtgcgc gccttcttag ctcagggcct ttgcataggc tgttctctctg	60
cctgggtgct tttcttgcta cttcccgtgg ctgcatttgc ttaacttact cttctgattt	120
cagtctcaat gctgcttctt taggggtgaa ccttctctga cctacattc tgtagagata	180
ccccattct gccattctct cttttgtggc ctgggtttca cttgtaacta agtcattatc	240
cctgtatttg gtttgcttag tacatgtctg tctcaagca ggggctggct tcaggctgct	300

<210> 1426
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1426

aaaaggagcc agaacttgat gattttgaaa attctcagcc tttctggttg gcagagggtg	60
atgaaattga gacacggcaa agatcaattc aagagccact ccggggagaa tggcgggtcta	120
aagataaagc caagactgtg ccttttaaagc ctgctgttaa gacctgagaa ggtagtgcct	180
tagcatcctc ttcagtcaca ctcaaggcct ctccgtcaaa caatagggct tctagccttt	240
ttagcaggag cccaaggtag aggtagaaga gttcctcttg gagagatcta tgggtatagc	300

<210> 1427
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1427

cttacctctt agaacattac ctctagaac actgtgtgcc ctgcagagcc atcgaccttt	60
attataggcc acgtgccctc ggaaacttgg gacagtactg atgcgttctg ttgagtgcgt	120
ttggcatgtg ggaattgtga tgggtgcacag tgtcttggcc ttcactgggt tttgtaggca	180
cactaagggt tccatttcat tcttcttcag ttgccctggc ccagcctggg tctctgggta	240
gagcacctgc aggggcagtg gacggcctgg gctcagggtc ggtcagcacc tgagaccagc	300

<210> 1428
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1428

agaagctcca ctggcacttt tgtattcaca actaccgggt gcgataaggc agtgagggtt	60
attatgatac cctttttcac aggttaaggaa acaaggctca gagaggttca acaacagagt	120
cataattctt cttgttggag aattcatttt gttacatttc attcccacca tctgcagtaa	180

gggagaccca ttaaaatata gtatcctgat ttttaaagag aaggtaacat taaggccagg 240
 aggtttggga ttgcccag ttcactgtgg gcttctggac tcccatgccc aacagcctcc 300

<210> 1429
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1429
 cttgaacctg ggaggcagag gttgtggtga gccaaagatca cgccactgca ctccagcctg 60
 ggtgacagag caagactcca tctcaagaaa aaaataaata aataataatt tgtgtatgtg 120
 atgactgact ctagtcattha tggaaaataa cttttggcag tttagttcct acttggttaac 180
 aattcctctt ttttaagagag gtactacatt tgattttctca atttctcagt ttgttttcaa 240
 taaaaacagc aaccactgaa atgcagaaaa tggtaatcaa gtgtgatggt tctataaaaa 300

<210> 1430
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1430
 cccacccctt ctcttttcca ttgaacaaac atttattgaa catcctctga gcacctggcc 60
 gtgggaatgc cgtggtgaat gagagactag acgtgatgcc tctggggggt gtgcgttggg 120
 gatgcatgag acagcccatg acccgaggca ttctcagggg atctgtgctg tgtgcccgtg 180
 agaacatctt cccatgacca ctctgcccct cctgcccctg gctggatctt cctcctccag 240
 ctgggatctg ctcccaggca actgtgtgaa ttttacatta tttggagcct catctgtgtc 300

<210> 1431
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1431
 ggttattgat cattgcacag ggctggtggc aagtttggtg tgcaagggtt ggatagtgcc 60
 tggttttcac tagggttttc tgaaaaccag cagaaacagg gggcctgaag gttgttagag 120
 taatgagctt gcagccaaca tatttttagct ctatcaaaaa atgcctgtta gtgctcacgg 180
 gcatgtactg cgagagagat cttgaatgca tcactttggt atcctaagaa gtgtaatttt 240
 tttccctcgt catactgggc tgtgtttaga cctcgtataa tacataatga atagaaacag 300

<210> 1432
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1432
 agtttccatt tagtttgatt ttaaaagctg ccttttgaat atctaatacc aattataaaa 60
 taaatatgtg taagtaaaat aaaatggtaa cttgtttttt ataagagggg aagttgggtg 120
 gttttataaa ttaaatgaac atttatgcgg tcgggttatt ttacgtaaaa atagttgtta 180
 tattctaggg taacagaaat ttagaaacct atttttctgt agaagaaagg tgttgctatc 240
 tgcttttgat ttctcagata tttgcttctc cttagaatgc tatgatcaga tttttattag 300

<210> 1433
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1433
 cagccttggg gacagagcga gaccctgtct ctaaaaaata aataaataaa atattgtgag 60
 tctctgatgg ggagcagtat tgcattgggtg ttgagaactg aggcctctgat gttagaactg 120
 gattctgact taacccactg tttgcccaca tcttgagcct tggtttccct atctgtaaaa 180
 tggcagtatt ctggggctgg ctgaggaaaag gaaatgaggg caggcgcggt ggctcaggcc 240
 tgaatocca gcactttggc aggcctgaggg atgtggatga tttgaggcca cgagtttgag 300

<210> 1434
 <211> 139
 <212> DNA
 <213> Homo sapiens

<400> 1434
 gtggagctca cctatttggg atatggggca tttgtttttt ccactgcaat gatttcagtc 60
 tggtttcctc atgttggat tcgatcacac cattttcaaa caatgttaac atagtcacgc 120
 tttgttccg tttagggga 139

<210> 1435
 <211> 239
 <212> DNA
 <213> Homo sapiens

<400> 1435
 cacactccag gctgagaaa agtaattagg aggcctgagg aggggcccag gaaaggctgt 60
 tgggggtgtg tgggggttgg acccgagcgc ctccccctca cctcaaccag agaagagcat 120
 ccggttgctt tttaaagctt ttagcctgcc ctagcaagga caaagcatgt tagattagag 180
 atgcttctgc tgatcgcagg ggttcttatt tgaaaacatc tatgatgggg gaggtgtgg 239

<210> 1436
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1436
 ccttgaggca catcacagtt tgaaggacct gtttaagttg aaatagactt tgcttattta 60
 ttgggattct aaaaaattct gaggtagttt gcagtatgag agggaaataag atttctctct 120
 ccttctcttc attttatatt gactgtttgc cagaaactgt tttcttctgt tttcttatat 180
 tttgtttttg agatggagtc tcaactcttc acccaggctg gaggtagtg gtgcaatctc 240
 agctcactgc aacctctgcc tcctgggttc aagtgattct cctgcctcgg cctcctgagt 300

<210> 1437
 <211> 300
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (300)
 <223> n = A,T,C or G

<400> 1437
 gcaaaaacct acatacctgt tattctgtgt tgtgctcttc gcaatccttt aagataaggg 60
 gggcaggaat taatatctcc attttacaac tgaaactgaa aattagagga ctccaatgaa 120
 tgaaaaatct gaggtagtta tctaccaag tggcagatta gttcatgatt ccttattaag 180
 tgataggact tgccaaacac caggaatctg gggaagaagt gtactcaaag aagtatgctt 240
 ggaccaatct gaaaaaagaa aaanaattna gttcaaactg attgagtaac nattcacagt 300

<210> 1438
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1438
 gcagaagcca attccttgtg aaaagctgac tgccatcagt aatctcaata gaaaagagat 60
 atgttttctg gaggcataaa ggaattcaat tcttaggggt tttgtttttg tttttgagat 120
 gtaatatgtc tctgttgccc aggtggagt gcagtggat gatctcacct tactgcaacc 180
 accacttctt gggttcaagc gatttctctg cctcagcctc cccagtagct gggattacag 240
 gcaccagcca ccatgcctgg ctaatttttt tgtattttta gtggagatgt ggtttctcca 300

<210> 1439
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1439
 ggggcagtca ataataatag ggaggataga aacgtcagca tggcattcca gatgagaaaa 60
 ctgaagcaag ttaaactttc tacatggtaa ccgtgattat gtagttgata taaaaagtat 120
 tgactgtggg ccttcaagaa gaggttaaaa tacattcatt atattaacga gtgcatctta 180
 caaagatttc tttcaaaaag tacttgaagt ttttttgctt taaggagtaa atctcaatca 240
 tctggaaatt taacttctgt ggaatacctc ttacatctt aaaggaaatg ttaatgcatt 300

<210> 1440
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1440
 aagatgtttg attcttcaga taacttttga aatgtgctat aaagggccta gtttaaaagg 60
 aacttctttt gaaaagcaat taacagttga taaagggtta aataaaaatt atctagtaag 120
 gaatttctta ttggaatgta aacgtgggtc taattttaaa tagacagtga tataaagaat 180
 aaaaagtaaa cagtgaatt gagttctcca gggaaaaggc agacctgtt agtaaaaaaa 240
 ggatgctttt ttcagtgatg tctttttttg agtgcatatg tgtgtgactc ttgaagaaat 300

<210> 1441
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1441
 atccaatatt tattgagtgt ctattaggtg ccaagcacct taataggtec tatggatttg 60
 aaatgccgtc cctgtcttag atctcacggt ctactggagg acacagagaa gtaagcaggc 120
 agttgcagta caatgtaaca ctgagtgtg tctgtgtatg atgctgagga gggagggttag 180
 cctgagccgg ggaagcggag cttgcaatga tggagatcg cgccactgca ctctagcctg 240
 ggcaacagaa caagccctg tcttaaaaac aaaacaaaat cttcagagca ggcttaaaaa 300

<210> 1442
 <211> 297
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (297)

<223> n = A,T,C or G

<400> 1442

ttttgcnaaa	aaaaaaaaatg	aagaccatga	gtgaacagtt	gtttcctaac	ccatggctat	60
ttagaatctt	ttgccaaaga	atgacaatga	tgcaaaaatg	ggaacagttt	ggattttaat	120
tagaactggt	taggagtgat	gatgtgtaaa	aagttgactt	ctcttttgca	tggcacagag	180
aaattatatt	ccttacttca	tgtcagttta	tgttctaaat	ctttttcact	gaatataaaa	240
atcttggtta	atgccattag	gcaccaactt	aaagaggggt	gtaaaaatat	taaaagt	297

<210> 1443

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1443

actgaactaa	tatcaatttt	aaataatatt	gctattcagc	ttcaaaagac	agagcctcca	60
gcatattatt	attattatag	taatctgatt	ctttagaatt	cagagaactc	acctcattag	120
tgtcccttg	ctctatctgg	ccctgtggga	aaataccctt	gcatctttct	atgggtatgg	180
tccactgtat	cccatcatga	ctttaacatt	tttgaagtat	tggctcttta	aagtaagcaa	240
acaaattccc	ttgttacatc	aaattcaaat	acagtaatgc	attacaggac	aaattaaagg	300

<210> 1444

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1444

gcctgtcgtc	ccagctactt	gggaggacaa	gtcatgagaa	tgcctgaac	ccaggaggca	60
gaggttacag	tgagctgaga	tgcaccact	gcacttcagc	ctgggtgaca	gagcaagact	120
ccatctcaaa	aaataaataa	ataaaataaa	ataaaatata	aagtttgctc	cattgttgac	180
ccattgctgc	tgataaaagt	gtatactgga	atgcatgtaa	accatatatt	taaaatgtat	240
aggctgggca	cagtggctca	cgctgtcat	cccagcattt	tgggagacca	aggcaggtgg	300

<210> 1445

<211> 161

<212> DNA

<213> Homo sapiens

<400> 1445

gtgtgttctg	tgggaggggtg	tctgtgggga	tgtgactatc	aggggtgggcc	tgtgctgggg	60
atggggcagg	cctgggtctg	gagaggattt	tgtgtgaaag	taaatgggggt	gtttgaggcg	120
tatgggtggc	tgttggtgtg	gggaggcatc	tgtgtatggc	t		161

<210> 1446

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1446

taaataagtt	gatattaatg	atataagcat	cacacaattt	tacattaaga	aatactgtgc	60
aggccatgcg	tgggtggctca	ggcctgtaat	cccagcactt	tgggaggccg	aggtgggcag	120
atcaccggag	gtcaggagtt	cgagaccagc	cttgccatac	atagtgaac	cctgtctcta	180
ctaaaaatac	aaaaattagc	cgggcatggg	ggcaggcacc	tgtaatccca	gctactaggg	240
aggcttctga	accaggagg	cagaggatgc	agcgagctga	gatcgcgcca	ctgcactcca	300

<210> 1447

<211> 251
 <212> DNA
 <213> Homo sapiens

<400> 1447
 ggccactcacc gcctcctccc tgggtacacag gcttctgtgg ggccaccaag cccctcctgt 60
 gccccctccc atccatagtg catgggtgtgt ggtgccccca gggctccagg acagatcagg 120
 ccccaccttg tgtctacccc catccccgct gtgaacgtgc cactgaataa agtcggggaa 180
 acgagaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 240
 aaaaaaaaaa a 251

<210> 1448
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1448
 ctggaattag tggcttgctg ataatctcat tttataatth gttcagcaat ccagcaagac 60
 caacttttta aaaaaattaa taacagtagt tttatgaaaa ctaagtaaga aaacagtttc 120
 cacctatttc tgaggtctcc tttagaagga gtaacagaca gcttttattt ctcttaaagt 180
 tataaaaatc acaatcgcaa gtcacaatga atactgggaa gggaaattac ttttgcagag 240
 tgatcaagta aatgatagcg ggggctaaac ttttttagta aacttgtgaa gattacatac 300

<210> 1449
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1449
 atgactgagt gtatacccta gttaaaatga tcaggggaga cttaactgaa aggggtaatt 60
 gagctagatt tgaaggatga ggagtagcag actagtcaaa gaaagggaga gaagaacata 120
 cctaaacatc tgatcaccag tgactgagaa agttatcagg atcaagtga aagagaaagg 180
 actagcagag ttacagggtta gagaaacagg taaaggctac tatggacggc ataatagttg 240
 catcccatgt tttgtctctt aagaacagtt gcaaactatt gaaggtttta aagctgtgtg 300

<210> 1450
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1450
 attgtcttgt gttatgggtgc ttcagcattg gattcagcag ccagcttctt agtacgaagg 60
 caacgattac ctccacaggg tcccttccat tgtcctcttg catcattttc ctccaacttg 120
 aataaatggt ctacccacct ttctccttta tttctcttac cccctgtacc ccgctccctc 180
 tcacaattaa ctctacagca gaatgtgaat tctctgattt tagaataact attttatggg 240
 aacttcaaat atatcctagt tgtatccaca ttcagcttgg gtaggtacct tcatagtagc 300

<210> 1451
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1451
 caaagacaag cctttatgga aaaggaaatg cgctcccttc catgttcagg gatgagggga 60
 gcagcagcag ccacactccc accatcctca cagaattcct ggacccatgc ggtggctccg 120
 tgagctgggt gactccagcc tcacctgcac accccagccc tgcacggggc cctccttctt 180

```

cccagcagcc cttggtgagc taggaattga gatccctgtt tgtgaaagag ggaactgagg      240
tgcagagaag ccagaggtgt gccagatcct taggcaggat ttagatgaag tcgccctggc      300

```

```

<210> 1452
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1452
aaaacacatg cacacatggt tattgcagca aaccaccatg gcacatgtat acctatgtaa      60
caaacgtaca cattctgtac atgtatccca gaacttcaag ttaaagaaaa aaagaaaaat      120
atattagttt agcaacattc aaccttatcc tatataaatt atgctaagaa ctttggttaga      180
taaattctat tataaaaggt cctagctagt agtattaaat ttgttgttgt tgtaatttat      240
gtacaacaaa attcacccat tttaggtata cagtttgaat gcttttttgt aattatataa      300

```

```

<210> 1453
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1453
tgagtactta tgaaaaattg tgagaaattc atttgtgtggg attttcacca ttactacatg      60
tatttggaat taaaaattgt atgactatgt atatgaaact tgttcatgtt ctaaaaaata      120
ccctccattt ataatatgtt tttaaaattt gccactgaga agtataaatt tccttcttat      180
ttcatcttag ttatcaaccc agagtcactg gaggcaatgc agtgtagtgg ttaagcgtgc      240
agattctgaa gttagacaag atttgggttg gaatcctgac tctgccactt actagctggg      300

```

```

<210> 1454
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1454
acctaat tttt tgagaacagc aagccctatt tgaccactct cttcagcctg tgtgttcctg      60
ctgttttgaa gtaatcaa at gctgtgcatg gtattttacc tgagctgcaa cctgttatgg      120
acttgaactt ctgtttaagt tgaaagcaag agtccctgag tataaaggaa aaacagcaaa      180
acaaaaagca aacaaaaaaa aactgcaaaa gtctaaaata cccattgggtg atgtttttta      240
aaaaaatctt gctttcagct ttcaggaggt aatattcttt gttttaattt gataattgga      300

```

```

<210> 1455
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(300)
<223> n = A,T,C or G

```

```

<400> 1455
ccagcctgtg caacacagca agaccccgct tctacaaaaa cttaaaaaat tagctggctg      60
tggtgttgct caccatagat tccagctact cggaagctg aggcagtaag atcacttgag      120
cccaggaggg cgatgctgca gtgaactgtg attgttccac tacagtccag cctgggtgac      180
agagaaaaga aaaagaaaac attacataat ttggctagag cataataatt tgattttctg      240
gtttttgaaa atttgagttg cataaaagga nnnnnnnnnn caaggnttct acaaggnnngn      300

```


<210> 1456
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1456
 ctggggtcatg aaataacaga ttaaaaaatgt tctctggtaa aagaattaaa catttctgta 60
 aatggaagga aaataaaaag atttcagaga gtctgatcaa taatagcttg tgggtcctag 120
 tgagtggagc agtgataaaa gaggtgaagg ttttgaggga aaaaaatact atgtcaaata 180
 ggggggtgaat gataaaaatc gctctcattt tccttttttt cacctttcat cttcatttat 240
 ggaatttcta tacaataaat atgtttggca tttaataaca gtgcctctcc cccggaatac 300

<210> 1457
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1457
 acgaaatagt gacatgcact tattagattt ggaatctatg ggcaaaaagtt cagatggaaa 60
 gtcgtatgtt attacgggga gctggaatcc aaaatcccca cattttcaag ttgtaaatga 120
 agaaactcct aaagataaag tctgttttat gaccacagct gtagatttgg taataacaga 180
 agtacaggag cctgttcgat ttctcctgga gacaaaagtc cgcgtttgct cacctaata 240
 aagattattc tggcccttca gcaaacgtag tactactgaa aatttctttt tgaaactaaa 300

<210> 1458
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1458
 gattttcgaa actcttcagc tacttgcctt tttttatctg aaaccatcat accttctgaa 60
 agaaaaaagc atatcttcat tgacataaca gaagtggat ggcccagtct tgatacagat 120
 ggtaccatga tatatatgga gagtggcatt gtgaagataa catctttaga tgggtcatgca 180
 tacctctgcc tgcccagatc tcagcatgaa ttacagtac attttttgtg taaagttagc 240
 cagaagtcag actcatctgc agtgttgtca gaaacaaata ataaagcccc aaaagataaa 300

<210> 1459
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1459
 gtattcatga gaggcaagt ataggttact agggatggat tgtgtgggag aaataatgca 60
 gaggaatga tgatcatctc cattgaatga cagctgttat atagcaaaga taaatgtaaa 120
 attagtctta ttcttggaag tggaagacag cagttatcag agaggagaat ttaatcaaaa 180
 gaatcagaat agcatgggtc caggccagat tcacattgaa gtatttactc tatattttac 240
 tgctgttaca ttcaaaatgt atcagaagtc tcatggttca attaataaag tgttattcgc 300

<210> 1460
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1460
 tcattgtgta ataaaatggc agtttccaaa gatggatgtc tttagttttt aaatgacatg 60
 ttgatttttt tcatgatatc tgcaaatatt tttgtctttt ttgacctcag aacaaatgta 120

```

aagcattgat tggagcacac acaaaagtta ggaaatatgc tgcttggcaa ctgagtaaaa 180
gtaaaatatat agtctcttaa acttccaaaa aagtatacaa tagtacagga tgggttctat 240
tcacaagctt tctgtctgta accgtaaaag atatcactat ctaaaaataa tatcagaatg 300

```

```

<210> 1461
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1461
ctgggtctca ggcccttgaa ctcaaactgg aactacatca ctggcgctcc tgggtctccag 60
cttgtctgact gcagaccttg aaacttctcg ggctccatta acctctttta tatatagaga 120
gagatacata cacacacaca cacacaaaca tacacacaca cacacattgg ttgtatatct 180
ggagaatcct gattaatata cccgataaat tcaaaacaaa acaaaacttg aaaaaaaaaat 240
ttttcaggtg aatatttggt ttttagcatc tgagtttcag tccaaacagg gaaggaaaga 300

```

```

<210> 1462
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1462
tgagacagag cagccccaga acacacaccg gggagtacag gagcctaggc cacgtaccca 60
acattgcagg cagagaaaaa agaaagtgta ttccatgtaa gcaaatgtta tttggacctt 120
tctctctgtc tgacctaatc atggctcaca gaaagtaatc atactcctaa taatacatca 180
acttatctga tttatccaca caatcacgta gattaatgta tgcttctatt tcttggtcgc 240
tttagcataa tattgatcat aaattgataa ataggaataa aacaatataa ttagattaat 300

```

```

<210> 1463
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1463
caaaaacaag caaaacaaaa cattttaatt gttatgcata gtatatatgt gcatttttgt 60
taaattaaga cttataatct cataatgac atgatttccc ccaaagtctg atgatgacca 120
aatttctatt tctgtcccag accttgaacc cccagcctaa aaatcagatt gcatattgga 180
tgtttcttcc tggaagaatg tcaaactgaa caagtctgaa actgatcttt gtgcacaca 240
accagccaa acctgttact tctcctacat tccctttctt ggtgattggc ttgtccaccc 300

```

```

<210> 1464
<211> 300
<212> DNA
<213> Homo sapiens

```

```

<400> 1464
agttgtatta ggatctttat gtgtggccaa ctcattaaat tttcagatta actcagaaat 60
attgttcctt tatattgcac atgaggaaac tgaggctcat atgttttttt cttctttatt 120
ttttattttt agagacaggg tctcgtttca ttgcctggc tgggtctcgaa tttctggtct 180
ctgggctcaa gcaatcctct cacctcagcc tcccagttac ttggaggatg aggtgggaga 240
attgcttgaa cctgggaggg ggaagttgca gtgagccgag attgtaccac tgcactccag 300

```

```

<210> 1465
<211> 300
<212> DNA
<213> Homo sapiens

```

<400> 1465

gtttactttg ttgtcttttg ccctttatgc aatcagtgta aaaggactag ccgtttctgg	60
ccctacacta aagcttattt atatttaa at cagtgattcc aaactttaaa tgtataacat	120
catgttaatt ttgtaacatc aatgggtttt tttaaaattt caagatattt atcttggtac	180
ttgtattgga cagttctaaag aaatcttaga gggataactg tcttacctgt tttttaaaaa	240
agatcagctt gcaatcttct gcttcaacca tatctgtatt agaatacagt attatttcta	300

<210> 1466

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1466

gatcaatcca agctcctaaa catgggtattc acagtacagt cctaaaaaca ccatccccaa	60
cttgctgtaa acccaaaatg gcgggggctt cccagatata ctatgtctgt gcctttgtac	120
cagctgggctt ctctgctgc aatgccatct ccatctcttc catcccttc caggagacgc	180
tagcactcac tctctcttc tctacatacc atcattcttc ctctgaaga gctactcttc	240
ctaactcacg tgtcacaaca acccactgc cattatcttc ctcttcatct tcacaccggt	300

<210> 1467

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1467

gacagctgag gcccttgga ggcagatcca actcctcttc cagcgacacc actggctcct	60
tcacagcttc actccaagaa acttctagac cccccagggg gtgtctcaag tgaaagtctg	120
gccccacatc taccccaag gatggcactg gctaggactg cttcaggtct cggttaacct	180
agggtcaaagt gtccttgggc gcaagtctga gttaggctgc agaaacacct gctacctccc	240
ccagggttcac actgacagct gccgggctg ggtcaggcac agccagtgt cacttcatg	300

<210> 1468

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1468

cctagttaaa tcacaacaag ttagtaatcc ataaatgatg tgtcctgttt ctctttagta	60
gaaattatat ttttggtac cagttaagaa acttgctact ctttgctcct tatgttacta	120
taaaactcaag atgatgagtt ttgtggtatt tgacttcata ggcaaaatca aaatttttac	180
tttggtgcta ttctgtttta tgaaataaac ttctgtctat gcatttgaac taagtttcag	240
caaattcaat ctaaattgaa taattccagc tcccagtttt atcctatgtt gtcataaaaa	300

<210> 1469

<211> 300

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (300)

<223> n = A,T,C or G

<400> 1469

gtcaggctct gctggacact gcatgtccaa acgtcatttt acccatgtgc cagcgacaag	60
gtagattcgc ttgtaccaat tttgcacata aggaacacgc cttagagagg ttaggttgc	120

tgtgcaagcc	cagggtaggt	ggcaccagc	ctgccaatct	gcaacgcact	ggatattctcc	180
agccagtaga	ccttgctccc	tgggtgccc	gttctggatc	tcaggaaagg	cggattaagg	240
ctcctaattg	cgggacctgg	gtggggattt	gntgncctnt	ggtggcanaa	gggacatcac	300

<210> 1470
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1470						
gaggattagc	catgctgggg	tctcttggac	aaaaggctgg	tactgattga	aaaattccct	60
gagtatgtct	agaagtgtca	ggctcctctg	gaatcagtta	cagtgggatt	ggctgcttag	120
gtataatctt	tataagatta	aaaattatag	attatttggc	agcttgtttg	aaagtgttgg	180
tcccaagaaa	aagttctgct	gtgtgttatg	gcagaattat	taaaaaaaaa	acattcttaa	240
gttgagggtt	ctaagtaggc	ttttgtaaaa	acaggcaatt	acttgctgga	ggcagttaat	300

<210> 1471
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1471						
attcgatttg	ggtcgcaatt	acacagacat	tgacgggcaa	ctggagcctc	ccaggggactc	60
ctgcacgaga	gggagttact	gaagtcctctg	cagagtgcct	gttttccctc	agtcagtgcc	120
tccttttctt	caggtctcaa	ggacgggatg	agcttgccct	ggaaagcttt	gagggagtct	180
cgtattttac	cttcatagca	aaagtgtgtt	ccccacttct	ctccaccatt	tcttatttct	240
tcttgacagt	tgttctggca	catctcttga	tcgattgtag	tattttcttt	ctttcttttt	300

<210> 1472
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1472						
agttgctgtc	agtcttggtg	tggaaaggag	acgcattctat	gacattgtaa	atgtgctgga	60
gtcgtctgcat	ctggtcagcc	gggtggctaa	gaatcagtat	ggctggcatg	gacggcacag	120
cctgccaaaa	accctgagga	acctccagag	actaggagag	gagcagaaat	atgaagagca	180
aatggcctac	ctccaacaga	aagagctgga	cctgatagat	tataaatttg	gagaacgtaa	240
aaaagatggt	gatccagatt	cccaggaaca	acagttactg	gatttctctg	aaccgcactg	300

<210> 1473
 <211> 148
 <212> DNA
 <213> Homo sapiens

<400> 1473						
catccctgga	gcagcttcca	acactacttc	aggggtggcag	tgtttggggc	actgggagag	60
cctgccggcc	tctagatggc	ctcatctctt	ccttccacaa	actgtctaga	accaataaaa	120
ggaaacctgc	caaaaaaaaa	aaaaaaaaa				148

<210> 1474
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1474

```

tgctgttga acttgaacct aaaaggacca ttcaaagcct gaaagaaaaa acagaaaaag      60
taaaagatcc taagactgct gctgatgtgg tcagccctgg ggccaactct gttgatagca      120
gagtgcagg accaaaagaa gagagttcag aagatgaaaa tgaagtgtct aatattttga      180
gaagtggtag atccaagcag ttctataatc aaacttatgg aagcaggaag tacaaaagtg      240
attggggcta ttctggtagg ggtggatata aacatgtgag aagtgaggag tcctggaaag      300

```

<210> 1475

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1475

```

ctgaggttgt tttcctgttg ttgttgttgt ttttccttga gaggagtgtc aagacgtggg      60
aggctgtggg caggggtcca cgggagaagg aggatgctgc atgtctggga cttgtgagga      120
ggaagcactg aagaaatcta tgtggcacac ggaggtgttt tcaggtgttg aaccataggg      180
aggtctacgt gatttcctca ttaggaggat tagagagggc agagtcagga aaccaataga      240
ggaggcctgg actaaatggt ggtagtggat atgtctgagg ctggggatca ggctctggtg      300

```

<210> 1476

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1476

```

catcagtatg cttatggatt tgatgacagg catagcctgg gcatatcacc tcattggtaa      60
agggctagag cttttctttt ttatggcact tctttttttg agataggggc ttactctgtc      120
accctggcta gactacactg gtacaatcac ggctcaatgt aggcttaacc tcctgggctc      180
aggtgtatgt cactatgcc ggctactttt tgtatttttt ggtagagacg gcttcgccac      240
gttgcccagg ctgcaagcga tatgcctagg ctcaagcgat ctgccacact caacttccgg      300

```

<210> 1477

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1477

```

ggaaaaataa catgttcact ttatgaaagg aagaaccagg aaaaataata gaaaataatg      60
aacatgagtg gagatataga tgaaagctaa ataagcattc actgtgtctt atcaagagtg      120
actaataagc tgacagcttt atttgagttc tggtaagcaa attaatatca tataaatcat      180
tacaatttgg ataaagcaaa acctgttatc aaatttaaaa actgtttaat aattcaacac      240
tccagtgggt tgccttgttt aagcaaaagg attctggcca agatatttta cttcagctct      300

```

<210> 1478

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1478

```

ctggaagggg cagagcccag gacagggctc catgtccaca ggacggcgag gagcgaagac      60
catggggact gactacacag atgaagacac agaagcatag agaggataag taatcactag      120
caagtggag aaccgggatt cagatccaga acaggctgac tccagagtca ctggctgtca      180
tgtagtttcc tcaactactg cctcagctct acaatcccag agtaaagctc ttctccaaat      240
gaagagccag gaagaggtag aggtggcagg aattaaactt tgtaaagcca tgtccctggg      300

```

<210> 1479

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1479

cctaggccttt	accctcaata	ctgcttctgc	ctgaccaaac	tgtctctctc	ctgtggetct	60
gtgtgatgtg	acttgctctc	ttctccaagg	cagtattact	cataaattct	tcttttagcg	120
tactgatcta	tctgtgtcat	cgctcagtc	accacatata	ttaagaccta	ggcacagaac	180
aattctattt	ctataaaaatt	ctagaaaaatg	caaactaaac	cataatgaca	aaaagaatat	240
tagtggtttc	ctagggatgg	gatgtgggca	aagagagacg	aaagaaggag	ggattaccaa	300

<210> 1480

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1480

gaaggaagaa	aatttgggac	tttgttttaa	aagtgggaata	ctatcttctt	aaacaacttg	60
tgtttaaaac	aagccccaat	ccacacttga	tcttcttaag	ctaggaaaag	tgagctcaca	120
ctgagtgtg	gcaggatgct	ccatgtgcat	cattattttg	tttaattctc	acaataactc	180
tctaaatccc	ttttgaggat	aaggagactg	gggctgggag	aagttatttc	aaggagtaaa	240
taaaaaatc	agaccactt	gggttttatg	ccaaaggctc	tgtttttaca	aatacacaa	300

<210> 1481

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1481

aattcggcag	ctccctcaaa	gaaaggagaa	ctaggaaaat	gttttcgcca	tctcccaaag	60
atgataggaa	agttctgagc	agggttctgg	gtatagcccc	ttgtgagaaa	ttcaaggccc	120
aatcaatgcc	atagatgagt	tatatattcc	aaatttacac	tacttatgta	ggtgtagtaa	180
cctccaaaatc	aataaattaa	tataaaattg	gcccaggact	ggtgaaacct	agagtcctgt	240
cagaagcaaa	tacaaagcag	ccctttaaca	acagttttaa	atttagggcc	ttcaagacct	300

<210> 1482

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1482

ctgtagtctt	attttgccat	atgacatgat	tgaaatcaac	acctcttaga	aatagttttg	60
ctgcctcata	attgattacc	atcatgataa	cctgtagtca	gtgtgaaata	gagataaaaa	120
ttaatgtact	tagttaaattg	catatgaagg	tctaattctg	ttccagagtt	actcttactg	180
gattattttt	agatttttat	taacattact	ggtctctaac	tttactcagt	ctggataaga	240
aaaagaatac	catgcaattg	ttaactatct	gatgtttact	agattaacta	ttaatatatt	300

<210> 1483

<211> 300

<212> DNA

<213> Homo sapiens

<400> 1483

aatgtgtatg	cggggctggt	gggaacagcc	cgggtgagcg	gggtggatcc	ctggtgtgag	60
cctggcttcc	tgtctgtctc	aaggggcgtg	gaacaggacg	gactcaggtc	caaatccctg	120
gtttccctgc	ccttagtggt	gtggccgtgg	gcaaacgcct	taacttcctg	gagctttgac	180
agtctgtctg	ggaggcaggg	ctcaggcatc	cctggcctct	tgggggtggg	tgagagggag	240

acagaggttt gtgaagcgct ttgcacacct gggcatctgg tcagtgttca gtaaatgcca 300

<210> 1484
<211> 297
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(297)
<223> n = A,T,C or G

<400> 1484
gggccacgac taccaaattg gcccctaccg caagaacctg ctatgctacg accaccggac 60
agacgtgtgg gaggagcggc ggcccatgac cacggcgcgc ggctggcaca gcatgtgcag 120
cctgggtgac agcatctact ccatcggtgg cagcgatgac aacatcgagt ccatggagcg 180
cttcgacgtg ctgggcgtgg aggcctacag cccgcagtgc aancagtgga cccgcgtggc 240
gcccgtgctg cagccctnca gctagtnggg cgttctana tagnaacngcc ctatttta 297

<210> 1485
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1485
taggatcttt atgtgtggcc aactcattaa attttcagat taactcagaa atattgttcc 60
tttattttgc acatgaggaa actgaggctc atatgttttt ttcttcttta ttttttattt 120
ttagagacag ggtctcgttt cattgccctg gctgggtctg aatttctggt ctctgggctc 180
aagcaatcct ctcacctcag cctcccagtt acttggagga tgagggtggga gaattgcttg 240
aacctgggag ggggaagttg cagtgagcgg agattgtacc actgcactcc agcctgggac 300

<210> 1486
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1486
agaaagagtt gtgttggaaa ttgacttttg gctaaccag aattgtatag tttctatatt 60
tttatttgtt tttaatgtta ccagatgggt gcagtagagg tggcaacctt atagctccat 120
ctggcagccg ggagcttatt ttagtcaaca caaactgtaa ataccatacc atagtattgt 180
tttacctgga agtcggactt agttccataa actgatcatt ttctgtggct tgtagtgttc 240
aaattgtata atattctca taaaataata tagaaataca gaaataaaag ttataataaa 300

<210> 1487
<211> 300
<212> DNA
<213> Homo sapiens

<400> 1487
ttttttacta tgtaccataa tgtcccatc atgagaacct agaagtagtt tttctcatta 60
gcgaatgcta gaattttatt ttttttcaca tagtgaaaag gtgaaattgg tctgtcttcc 120
tctttacttt agctgctagt aagggtgaaa caacgatggg gcccaaattt aacagttagg 180
tgacatcttc ttctacgtgt gctaagatta cccgacttc actttaccct tatttcccac 240
tgactttgat ccctttactt ggttttatc tgtagtatgg attttttgca tcttttcagt 300

<210> 1488

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1488
 gcaacgtgtg cggtcgggcg attccggagc cccctgcgtgg aggaactgct gggcgggagg 60
 agacgccggc ggctcgggcg atggctgacc gcacacgttg ccacctgag gtctttctgg 120
 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180
 ataatggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgatc 240
 ataataggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagttg 300

<210> 1489
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1489
 ccgctgcctg cacggcgatg agaacagcga ggtgtggcgg agcctgtgcg cccgcagcct 60
 ggcagaagag gctctgcgca cggacatcct gtgcaacctg cccagctaca aggccaagat 120
 acgtgctttt caacatgcct tcagcactaa tgactgctcc aggaatgtct acattaagaa 180
 gaatggcttt actttacatc gaaaccccat tgctcagagc actgatgggt caaggaccaa 240
 gattggtttc agtgagggcc gccatgcatg ggaagtgtgg tgggagggcc ctctgggcac 300

<210> 1490
 <211> 104
 <212> DNA
 <213> Homo sapiens

<400> 1490
 ggaagagggg agaagagaag ctggttatct ctagaggatg tcgtaatcta catcacaggc 60
 agaactgatg gctcagtggc tgagtggcca gtatattgtc tttt 104

<210> 1491
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1491
 ctggatccag tccaggccag agcctcctct gcagagaagg tactaggtgc ccatgcacag 60
 ggtgactgcc agcctcgtgg agtgggggca gtggtgtccc tgcgggcggg cttggtcttc 120
 tgaggccatg tcagtgccac cccagggccg cctccatggc cagtgtgggg ccaacaagcc 180
 tgtcttccca tttttctgag agaggctgga aatcctgttc tttttatata taaagtgtt 240
 ccttttcaaa atattggcaa ctaagtaaat ccaaacaaag tatgggcca atcatggcac 300

<210> 1492
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1492
 gaccaaggag atgtgagtga aaatgatgca ggctgcttcc aggtgtgacc agtaagatac 60
 tccccacata atcttcttac tctttcttcc ctggttgcca tcccatgtgc taagaatggg 120
 aaccctgagg tcctatatgt ggaaccataa ggtaaagtgc tttgggctct gaatctcaca 180
 cagggtcac tgagaataag aaacatcctt cttgggcttt gtatgaataa gaaaatacta 240
 gcaaatTTTT aagaaggaag taattccagt atttcacaaa cccttccaaa gaatagtaaa 300

<210> 1493
 <211> 298
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (298)
 <223> n = A,T,C or G

<400> 1493
 gaacctttga atagtgggtg tacatacagt ttttcagagc tgggtgttta taacaatatt 60
 tttcattcta atattacatt attcttttta tcatttaggt ctttatccgt cagtgttttt 120
 agagaactac tgcacttgac cacaaactga taaataacttg gtactgcccc atctcactgt 180
 tctgtttact ttgtcttaaa tatctctttt ttttttccca ggcagctagt acacnactga 240
 atcctttaag ctttcannng gaatttgtna anctcaggat tgacctttta caagcctt 298

<210> 1494
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1494
 gaaggcacga attgaattgt gggaacagga acattcaaag gcatttatgg tgaatgggca 60
 gaaattcatg gagtatgtgg cagaacaatg ggagatgcat cgattggaga aagagagagc 120
 caagcaggaa agacaactga agaacagcca ggctggctctt gaattcctga cctcagggtga 180
 tccacctgct tcggcctccc aaagtgctag gattacaggt gtgagccacc acgcctggct 240
 aattttgtat ttttagtaga gatgggggtt ctccaaaggc tggctctgaa ctcccgacct 300

<210> 1495
 <211> 196
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (196)
 <223> n = A,T,C or G

<400> 1495
 ggatataagg ccaagagaca aaaaagccat agcctgaaag atttagcaat ggtggagtaa 60
 tgtctccctg tgctgataca agcatgaact ttctggaata ttctgctagt ctgaaattac 120
 agcaggttgt ctggggtagg ggggaggcgt tttttttttt ttttnnaann agggncnncn 180
 tnnngccccn agggggg 196

<210> 1496
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1496
 ttttaacagt gtgccttttg ggagggaccc atgtccatgg ctctcgttgag ggccatccat 60
 atgccagctg gggggccagcc cacagtggcc atattggctg cagcaggaat ggtgcccacc 120
 tcggcgaatt gaagggctaa gagtcccaga tagctaggcc agagctggaa gcagacagta 180
 aggggaagag ctgctccac aggagaggga gagattccag ctactgcgc agcctgggag 240
 gaggcgtgga tcctggcacg ctgagcctca ggcaccagcc tcctgtgct cgacagcaaa 300

<210> 1497
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1497
 agcaacccta gcaatagact gactctacta caaaacaatt tggttatttc tcttactatt 60
 tctctattat atctgttgag ggaatgttat catgagcaca ggtattagtc ctatgctttt 120
 aatcggttta gtggtttctt tgtgtctcat tttattcatt tgtaattttt ttaaagacta 180
 taaaacttcc acagtttctt tagatcatta agttatatga ctctttttca tgggggtcag 240
 ttaacaatac ataagaaaac atttgttcta ggataatata tgacctaaaca gtcttttctt 300

<210> 1498
 <211> 119
 <212> DNA
 <213> Homo sapiens

<400> 1498
 gctagttcga gttttttttc cttttactct ggtattgaca ctttttctgt gatcattggt 60
 aattagtgc atagtaacat ctgtagcagc tgggttagtaa acctcatgtg ggggaggtg 119

<210> 1499
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1499
 gttgaaacac gaggtataaa tgaccaagga ttgtacagag ttgtgggggt gagttcaaag 60
 gtccagagac ttctgagtat gttgatggat gtaaaaacat gcaatgaggt ggacctggag 120
 aattctgcag attgggaagt gaagacaata acaagtgcct tgaaacagta tttagaggagt 180
 cttccagagc ctctcatgac ctatgagtta catggagatt tcattgttcc agccaaaagc 240
 ggcagcccag aatctcgtgt taatgcgatc catttcttgg tacacaaact gccagagaag 300

<210> 1500
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1500
 atgatgtaaa gtctgaaata tacagctttg gaatcgtcct ctgggaaatc gccactggag 60
 atatcccggt tcaaggctgt aattctgaga agatccgcaa gctggtggct gtgaagcggc 120
 agcaggagcc actgggtgaa gactgccctt cagagctgcg ggagatcatt gatgagtgcc 180
 gggcccatga tccctctgtg cggccctctg tggatgaaat cttaaagaaa ctctccacct 240
 tttctaagta gtgtatcaaa atctaaacca aggagtctct ggacaagaag ctgggagagg 300

<210> 1501
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 1501
 caactcctga gacatacact cattgatgat tcatcacgaa atgtttaatt atattgagca 60
 tgacgctagg accaggagga catttgga cccgtattacc cagaccttac tttcatgtga 120
 aacctttgga aaaggcacia ctaaaaaact ggacagaata cttagaattt gaaattgaaa 180
 atgggactca tgaacgagtt gtggttctct ttgaaagatg tgtcatatca tgtgccctct 240
 atgaggagtt ttggattaag tatgccaaagt acatggaaaa ccatagcatt gaaggagtg 300